

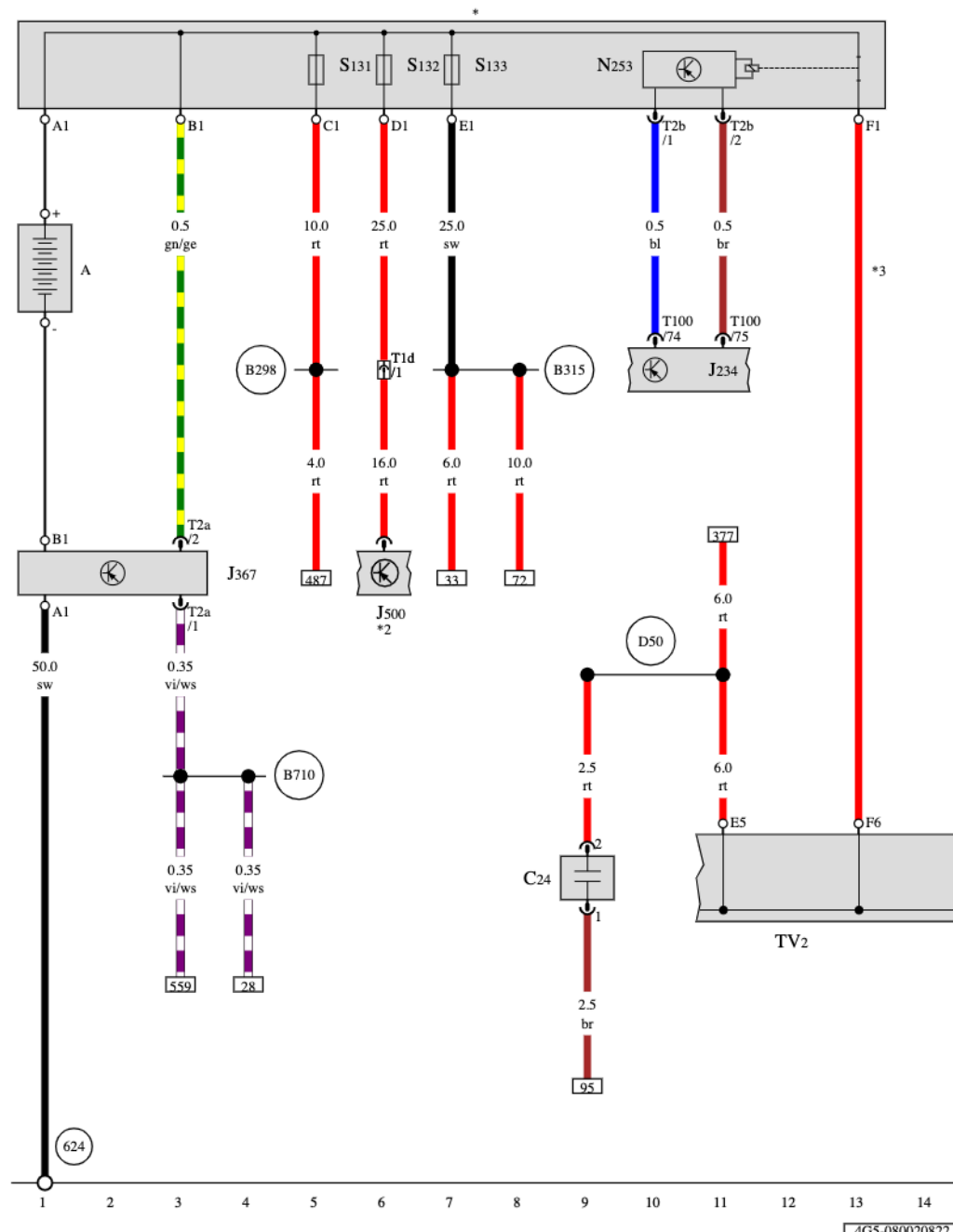
**4.0L Gasoline Engine , CRDA,CRDB,CWUA,CWUB**

From November 2012

**Audi**

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Battery, Suppressor, Battery Monitoring Control Module, Battery Interrupt Igniter, Terminal 30 Wire Junction

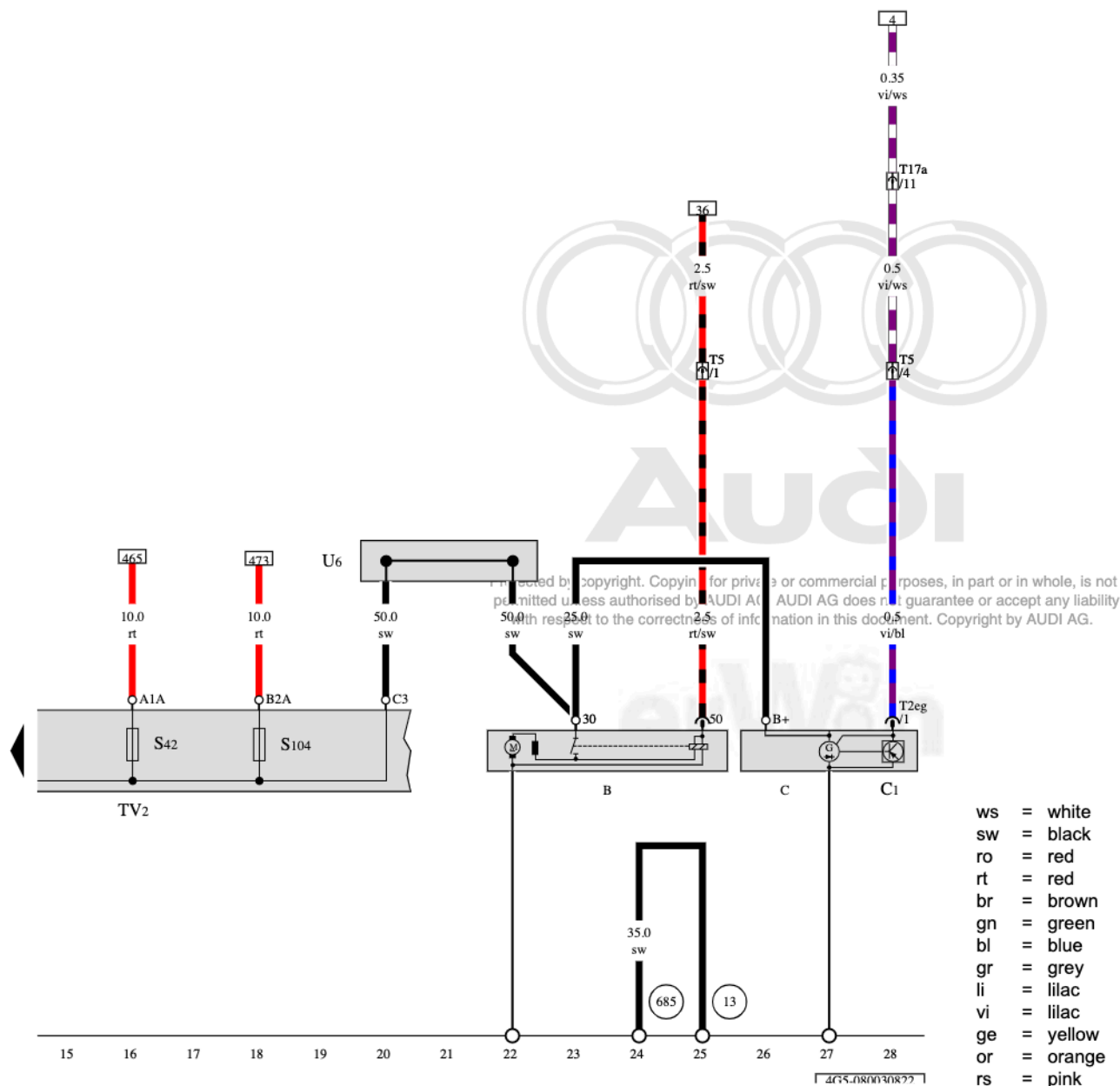
- A Battery
- C24 Suppressor
- J234 Airbag Control Module
- J367 Battery Monitoring Control Module
- J500 Power Steering Control Module
- N253 Battery Interrupt Igniter, Near the Battery
- S131 Safety Fuse 1
- S132 Safety Fuse 2
- S133 Safety Fuse 3
- T1d 1-Pin Connector, On the Left Front of the Vehicle Floor
- T2a 2-Pin Connector
- T2b 2-Pin Connector
- TV2 Terminal 30 Wire Junction
- T100 100-Pin Connector
- 624 Ground Connection near Starter Battery
- B298 Positive Connection 2 (30) (in Main Wiring Harness)
- B315 Positive Connection 1 (30a) (in Main Wiring Harness)
- B710 LIN Bus Connection 5 (in Main Wiring Harness)
- D50 Positive Connection (30) (in Engine/Motor Compartment Wiring Harness)
- \* Main Fuse Carrier in the Right Rear Luggage Compartment, at the Battery
- \*2 Refer to Applicable Wiring Diagram
- \*3 Flat Conductor

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = lilac  
 vi = lilac  
 ge = yellow  
 or = orange  
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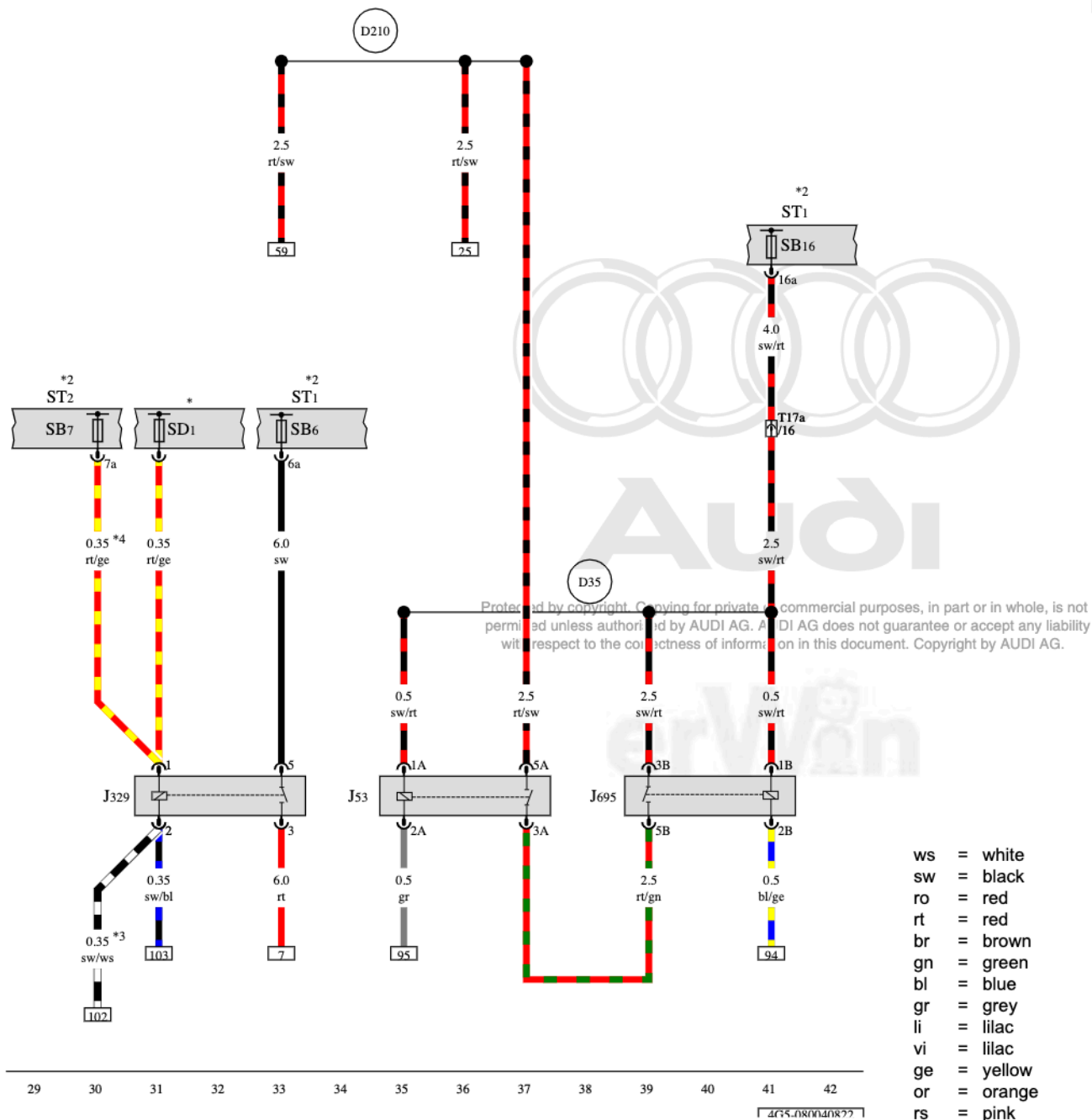
Starter, Generator, Terminal 30 Wire Junction

- B Starter
- C Generator
- C1 Voltage Regulator
- S42 Radiator Fan Fuse
- S104 Radiator Fan Second Speed Fuse
- T2eg 2-Pin Connector
- TV2 Terminal 30 Wire Junction
- T5 5-Pin Connector, In the Center Plenum Chamber
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station
- U6 Battery Jump Start Terminal
- 13 Ground Connection in Engine/Motor Compartment, Right
- 685 Ground Connection 1 on Right Front Longitudinal Member



Starter Relay, Terminal 15 Power Supply Relay, Starter Relay 2

- J53 Starter Relay
- J329 Terminal 15 Power Supply Relay
- J695 Starter Relay 2
- SD1 Fuse 1 (On Fuse Panel D)
- ST1 Fuse Panel 1
- ST2 Fuse Panel 2
- SB6 Fuse 6 (On Fuse Panel B)
- SB7 Fuse 7 (On Fuse Panel B)
- SB16 Fuse 16 (On Fuse Panel B)
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station
- D35 Positive Connection 1 (15a) (in Engine Pre-Wiring Harness)
- D210 Connection 50 (in Engine/Motor Compartment Wiring Harness)
- \* Refer to Applicable Standard Equipment Wiring Diagram
- \*2 Refer to Applicable Wiring Diagram for Fuse Positions
- \*3 For RHD Vehicles
- \*4 From June 2014

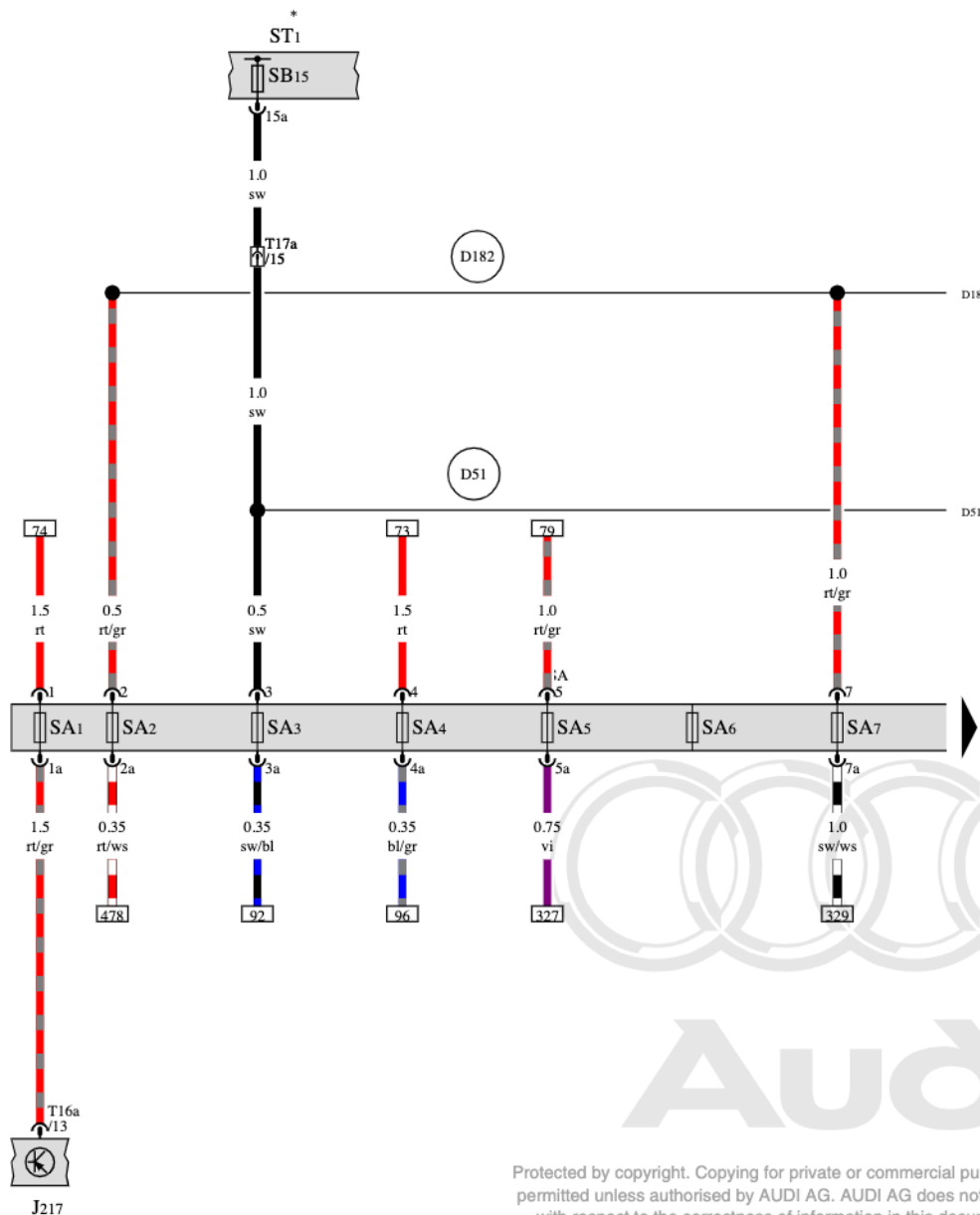


# Fuse Panel A

- J217 Transmission Control Module
- SA Fuse Panel A
- ST1 Fuse Panel 1
- SA1 Fuse 1 (On Fuse Panel A)
- SA2 Fuse 2 (On Fuse Panel A)
- SA3 Fuse 3 (On Fuse Panel A)
- SA4 Fuse 4 (On Fuse Panel A)
- SA5 Fuse 5 (On Fuse Panel A)
- SA6 Fuse 6 (On Fuse Panel A)
- SA7 Fuse 7 (On Fuse Panel A)
- SB15 Fuse 15 (On Fuse Panel B)
- T16a 16-Pin Connector
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station

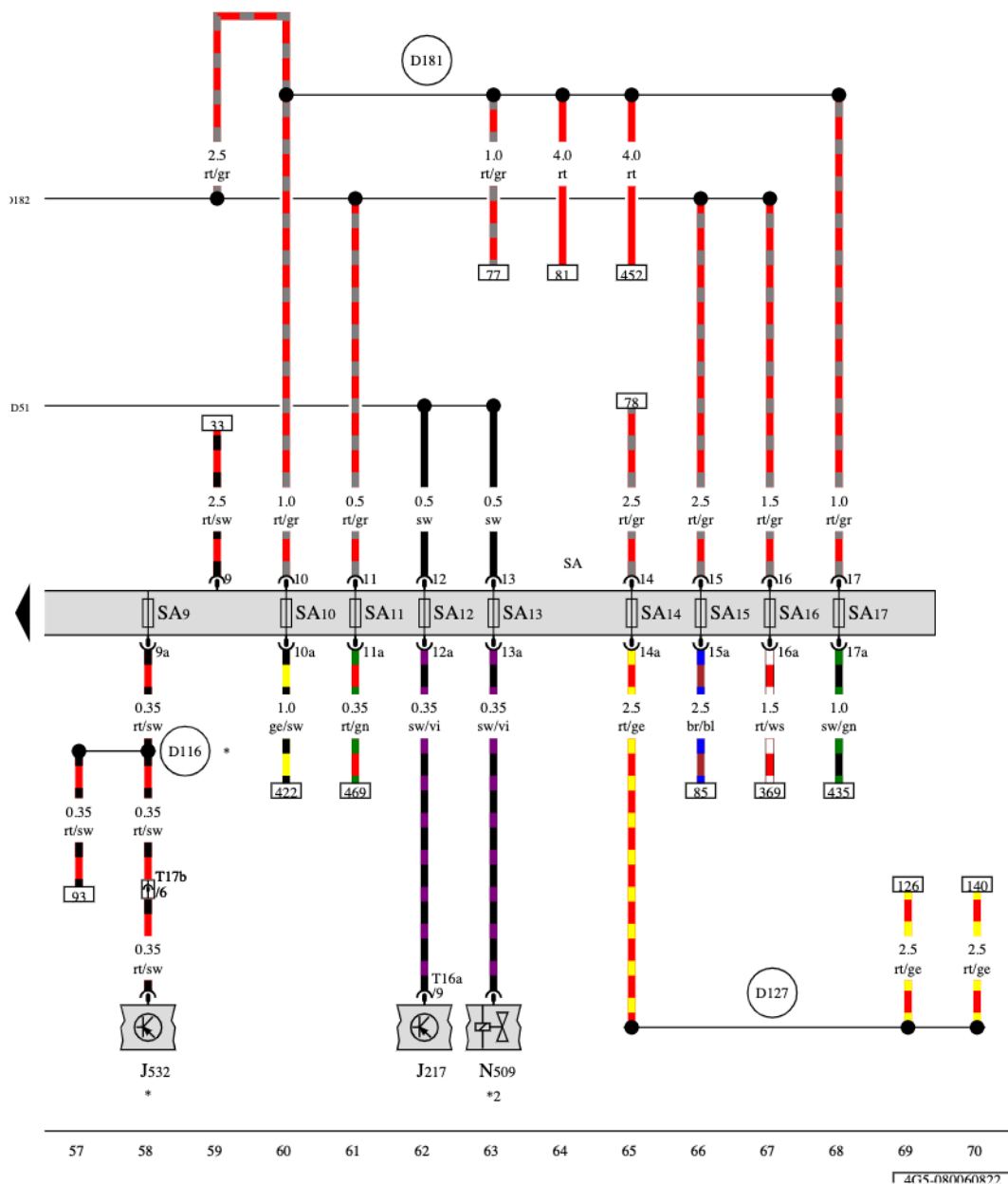
- D51 Positive Connection 1 (15) (in Engine/Motor Compartment Wiring Harness)
- D182 Connection 3 (87A) (in Engine/Motor Compartment Wiring Harness)

\* Refer to Applicable Wiring Diagram for Fuse Positions



- ws = white
- sw = black
- ro = red
- rt = red
- br = brown
- gn = green
- bl = blue
- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

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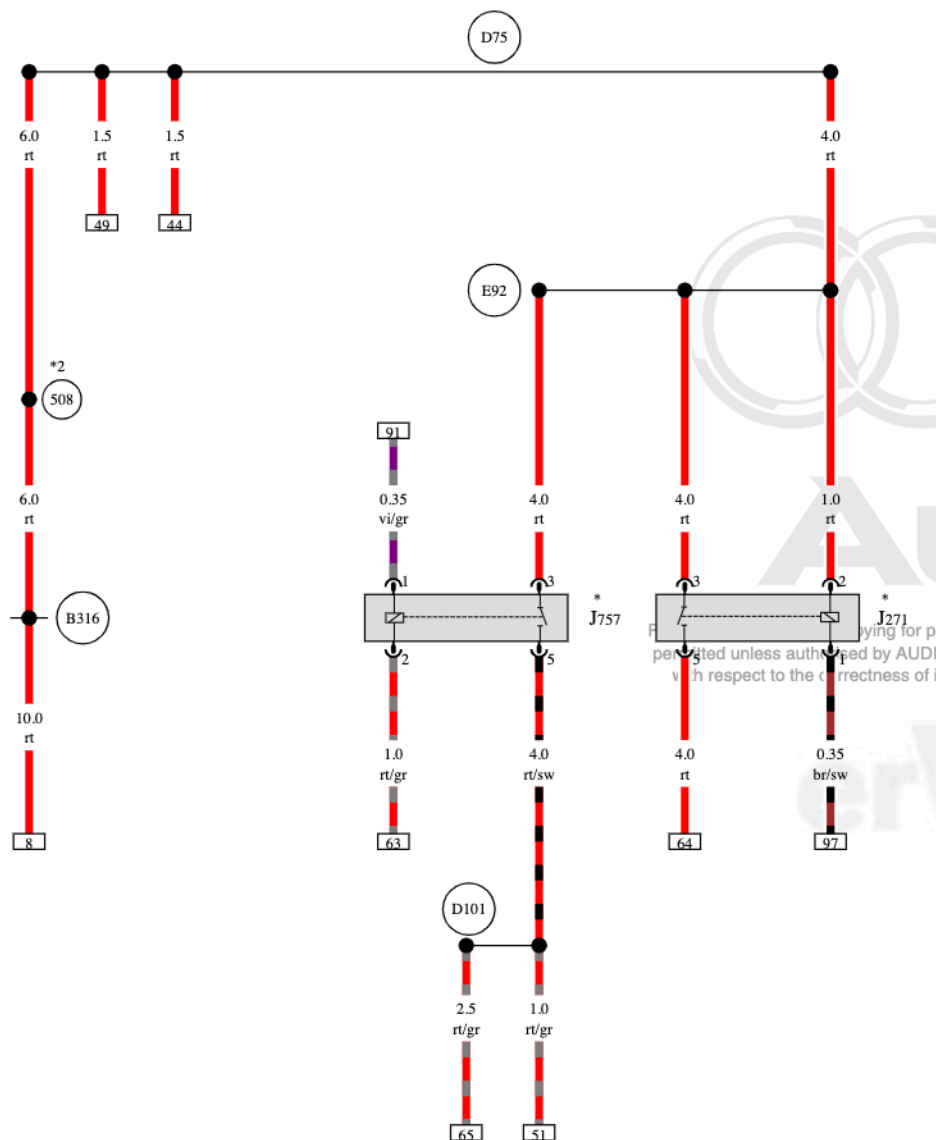


## Fuse Panel A

- J217 Transmission Control Module
- J532 Voltage Stabilizer
- N509 Transmission Fluid Cooling Valve
- SA Fuse Panel A
- SA9 Fuse 9 (On Fuse Panel A)
- SA10 Fuse 10 (On Fuse Panel A)
- SA11 Fuse 11 (On Fuse Panel A)
- SA12 Fuse 12 (On Fuse Panel A)
- SA13 Fuse 13 (On Fuse Panel A)
- SA14 Fuse 14 (On Fuse Panel A)
- SA15 Fuse 15 (On Fuse Panel A)
- SA16 Fuse 16 (On Fuse Panel A)
- SA17 Fuse 17 (On Fuse Panel A)
- T16a 16-Pin Connector
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station
- D51 Positive Connection 1 (15) (in Engine/Motor Compartment Wiring Harness)
- D116 Connection 14 (in Engine/Motor Compartment Wiring Harness)
- D127 Connection 25 (in Engine/Motor Compartment Wiring Harness)
- D181 Connection 2 (87A) (in Engine/Motor Compartment Wiring Harness)
- D182 Connection 3 (87A) (in Engine/Motor Compartment Wiring Harness)
- \* For Vehicles with Start/Stop System
- \*2 Refer to Applicable Wiring Diagram for Automatic Transmission

ws = white  
 sw = black  
 ro = red  
 rt = red  
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# Motronic Engine Control Module Power Supply Relay, Engine Component Power Supply Relay

J271 Motronic Engine Control Module Power Supply Relay  
J757 Engine Component Power Supply Relay

508 Terminal 30 Threaded Connection (On E-Box)

B316 Positive Connection 2 (30a) (in Main Wiring Harness)

D75 Positive Connection 2 (30) (in Engine/Motor Compartment  
Wiring Harness)

D101 Connection 1 (in Engine/Motor Compartment Wiring Harness)

E92 Positive Connection 3 (30) (in Engine/Motor Compartment  
Wiring Harness)

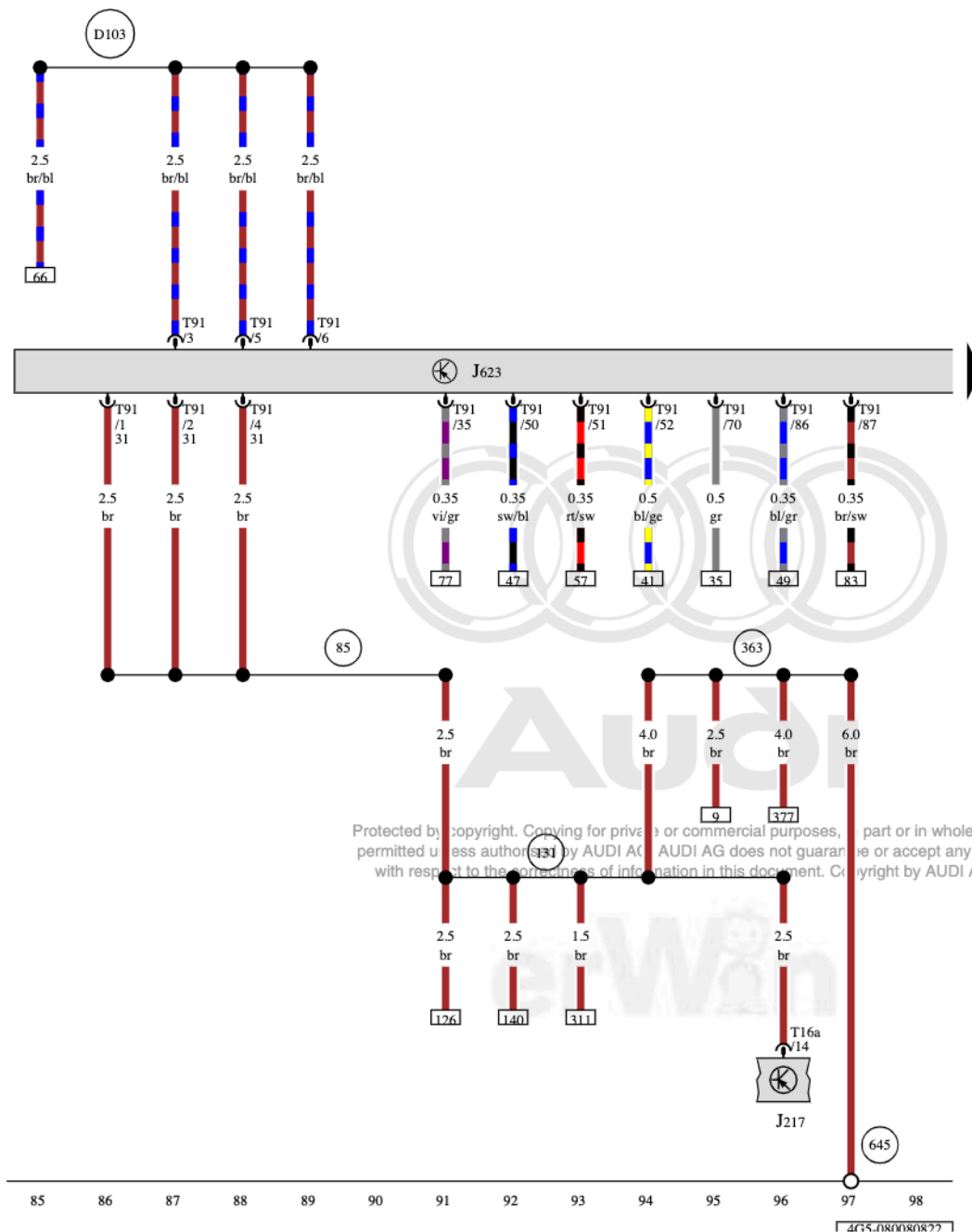
\* Relay and Fuse Panel in the Plenum Chamber E-Box  
\*2 Threaded Connection in the Plenum Chamber E-Box

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# Engine/Motor Control Module

J217 Transmission Control Module  
J623 Engine/Motor Control Module  
T16a 16-Pin Connector  
T91 91-Pin Connector

- 85 Ground Connection 1 (in Engine/Motor Compartment Wiring Harness)
- 131 Ground Connection 2 (in Engine/Motor Compartment Wiring Harness)
- 363 Ground Connection 8 (in Engine/Motor Compartment Wiring Harness)
- 645 Ground Connection 1 on Bulkhead
- D103 Connection 3 (in Engine/Motor Compartment Wiring Harness)



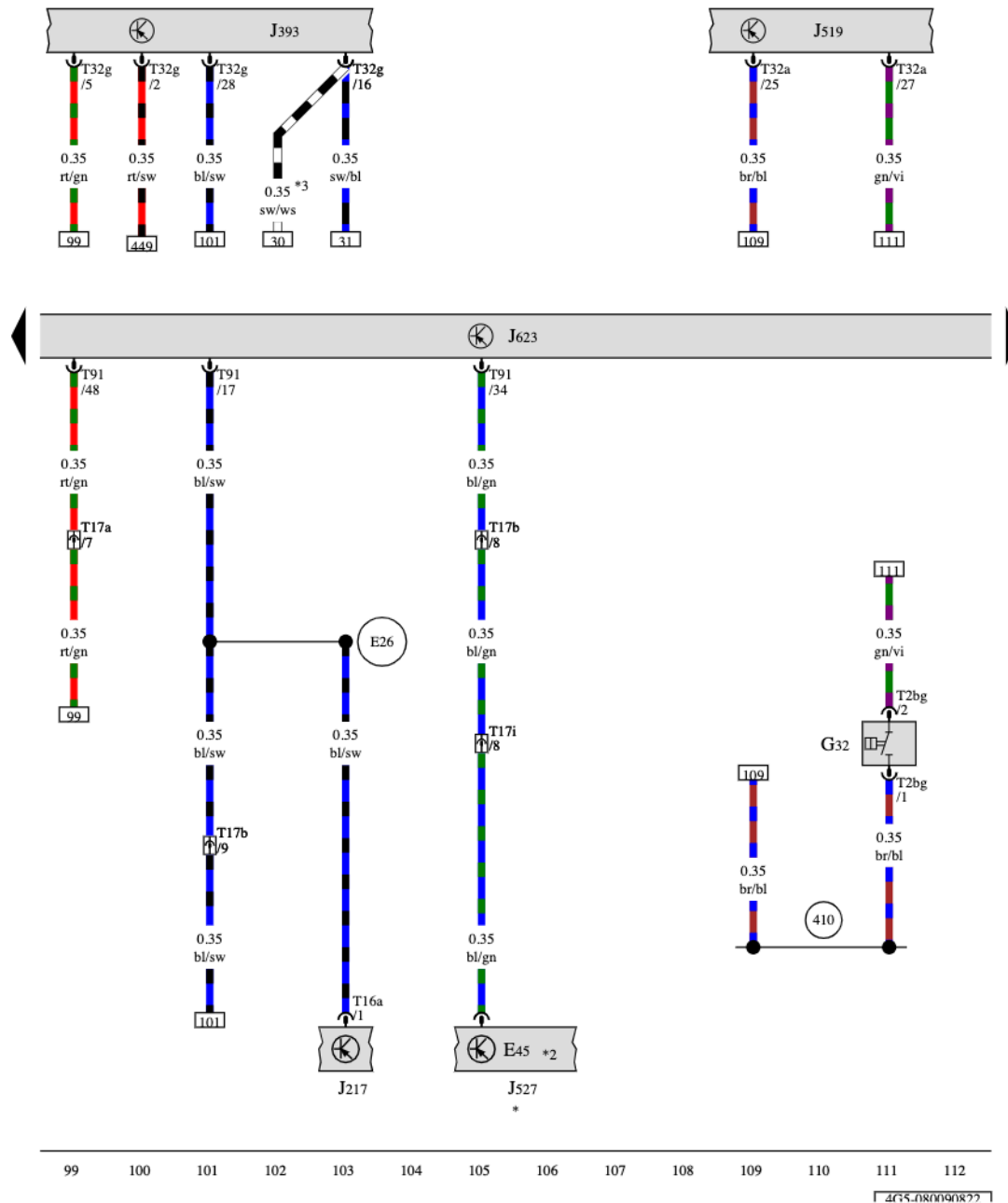


# Engine Coolant Level Sensor, Vehicle Electrical System Control Module, Engine/Motor Control Module

- E45 Cruise Control Switch
- G32 Engine Coolant Level Sensor
- J217 Transmission Control Module
- J393 Comfort System Central Control Module
- J519 Vehicle Electrical System Control Module
- J527 Steering Column Electronics Control Module
- J623 Engine/Motor Control Module
- T2bg 2-Pin Connector
- T16a 16-Pin Connector
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station
- T17i 17-Pin Connector, In the Left A-Pillar Connector Station
- T32a 32-Pin Connector
- T32g 32-Pin Connector
- T91 91-Pin Connector

- 410 Sensor Ground Connection 1 (in Main Wiring Harness)
- E26 Selector Lever P/N Position Connection (in Motronic Multifunction Fuel Injection Wiring Harness)
- \* Refer to Applicable Wiring Diagram for Multifunction Steering Wheel
- \*2 For Vehicles with Cruise Control System
- \*3 For RHD Vehicles

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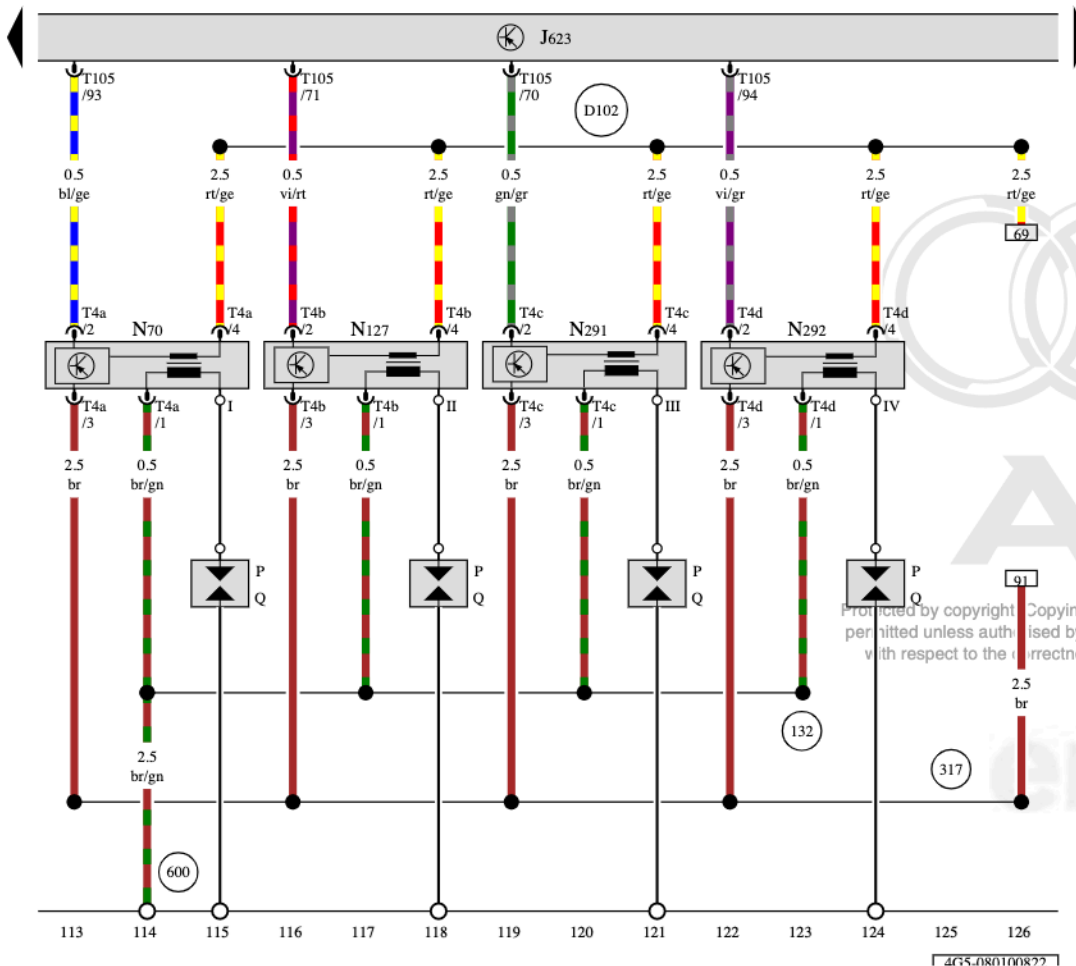


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Engine/Motor Control Module, Ignition Coil 1 with Power Output Stage, Spark Plug Connectors, Spark Plugs

- J623 Engine/Motor Control Module
- N70 Ignition Coil 1 with Power Output Stage
- N127 Ignition Coil 2 with Power Output Stage
- N291 Ignition Coil 3 with Power Output Stage
- N292 Ignition Coil 4 with Power Output Stage
- P Spark Plug Connectors
- Q Spark Plugs
- T4a 4-Pin Connector
- T4b 4-Pin Connector
- T4c 4-Pin Connector
- T4d 4-Pin Connector
- T105 105-Pin Connector

- 132 Ground Connection 3 (in Engine/Motor Compartment Wiring Harness)
- 317 Ground Connection 7 (in Engine/Motor Compartment Wiring Harness)
- 600 Ground Connection on Cylinder Head, Right
- D102 Connection 2 (in Engine/Motor Compartment Wiring Harness)

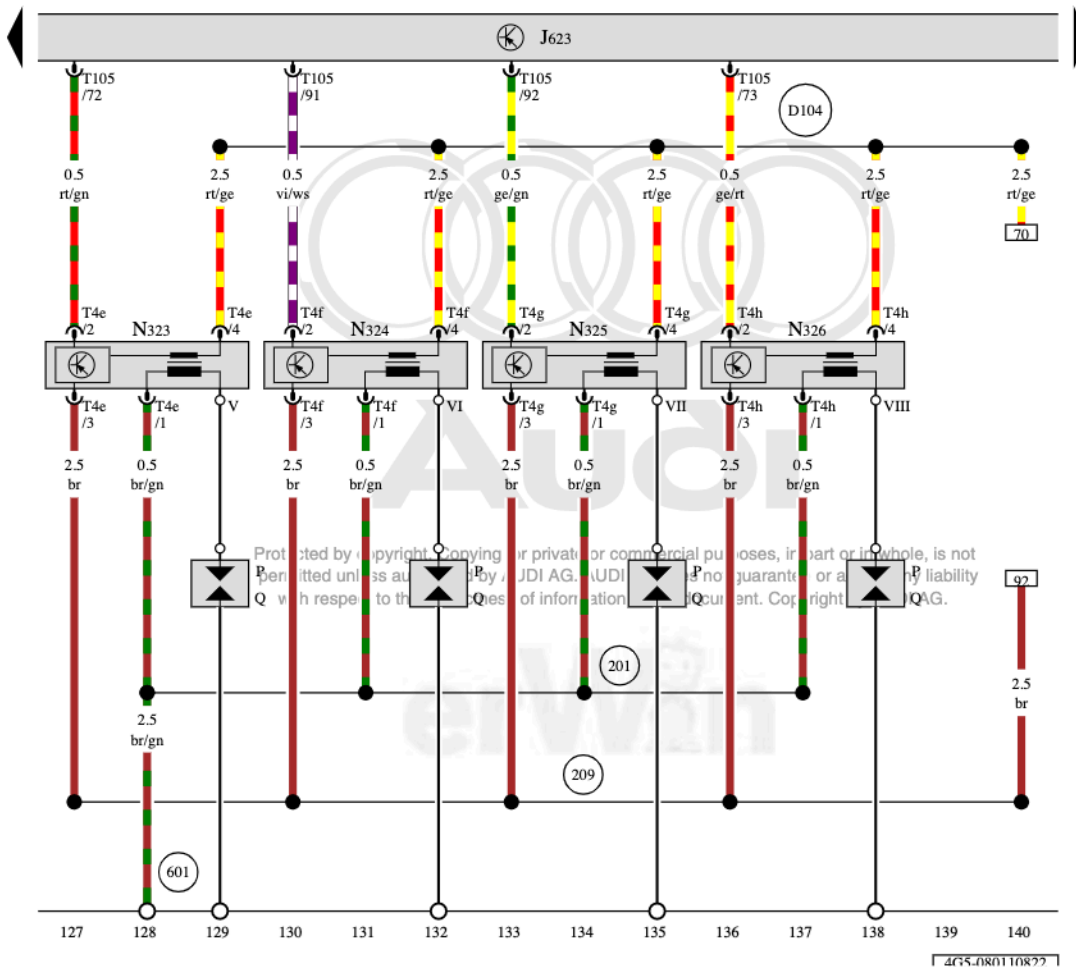


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Engine/Motor Control Module, Ignition Coil 5 with Power Output Stage, Spark Plug Connectors, Spark Plugs

- J623 Engine/Motor Control Module
- N323 Ignition Coil 5 with Power Output Stage
- N324 Ignition Coil 6 with Power Output Stage
- N325 Ignition Coil 7 with Power Output Stage
- N326 Ignition Coil 8 with Power Output Stage
- P Spark Plug Connectors
- Q Spark Plugs
- T4e 4-Pin Connector
- T4f 4-Pin Connector
- T4g 4-Pin Connector
- T4h 4-Pin Connector
- T105 105-Pin Connector

- 201 Ground Connection 5 (in Engine/Motor Compartment Wiring Harness)
- 209 Ground Connection 6 (in Engine/Motor Compartment Wiring Harness)
- 601 Ground Connection on Cylinder Head, Left
- D104 Positive Connection 2 (30a) (in Engine/Motor Compartment Wiring Harness)



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- bl = blue
- gr = grey
- li = lilac
- vi = lilac
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- or = orange
- rs = pink

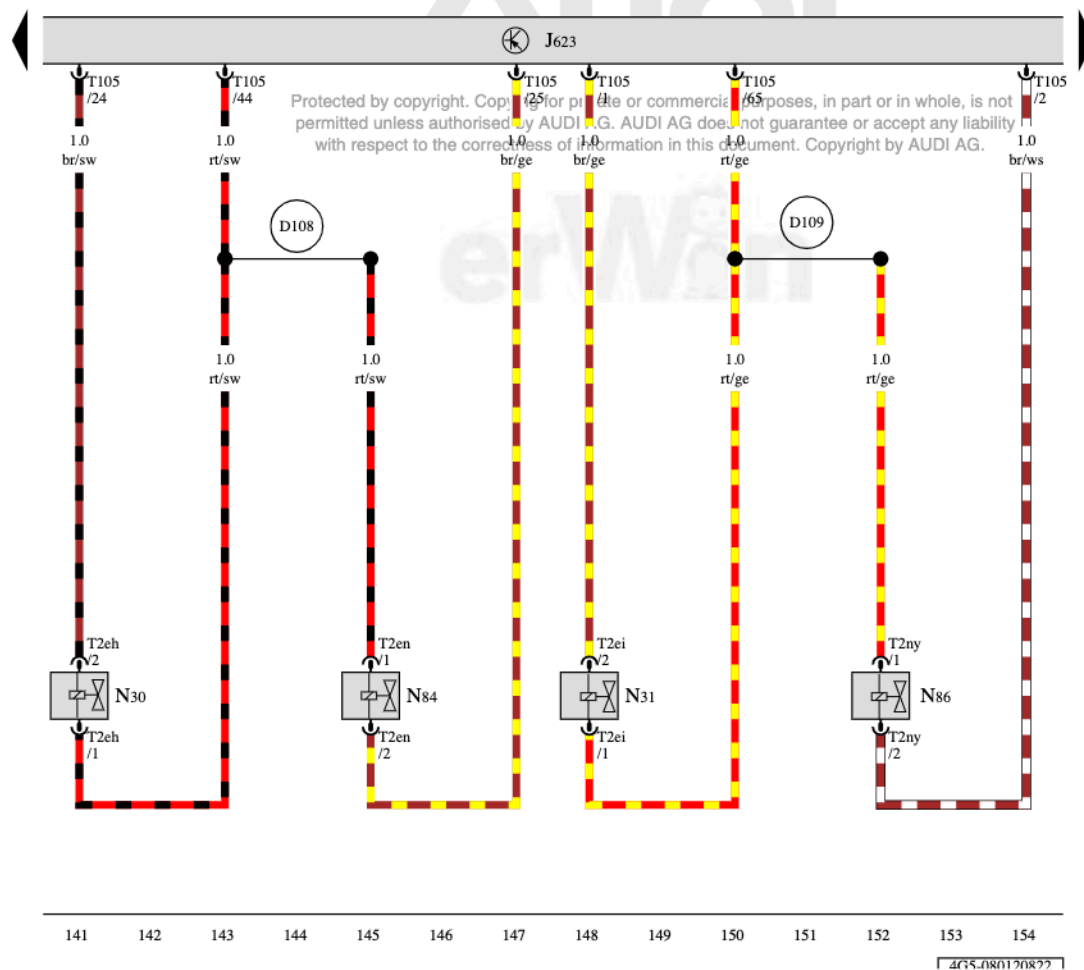


Engine/Motor Control Module, Cylinder 1 Fuel Injector,  
Cylinder 2 Fuel Injector, Cylinder 6 Fuel Injector, Cylinder  
8 Fuel Injector

- J623 Engine/Motor Control Module
- N30 Cylinder 1 Fuel Injector
- N31 Cylinder 2 Fuel Injector
- N84 Cylinder 6 Fuel Injector
- N86 Cylinder 8 Fuel Injector
- T2eh 2-Pin Connector
- T2ei 2-Pin Connector
- T2en 2-Pin Connector
- T2ny 2-Pin Connector
- T105 105-Pin Connector

D108 Connection 6 (in Engine/Motor Compartment Wiring Harness)

D109 Connection 7 (in Engine/Motor Compartment Wiring Harness)



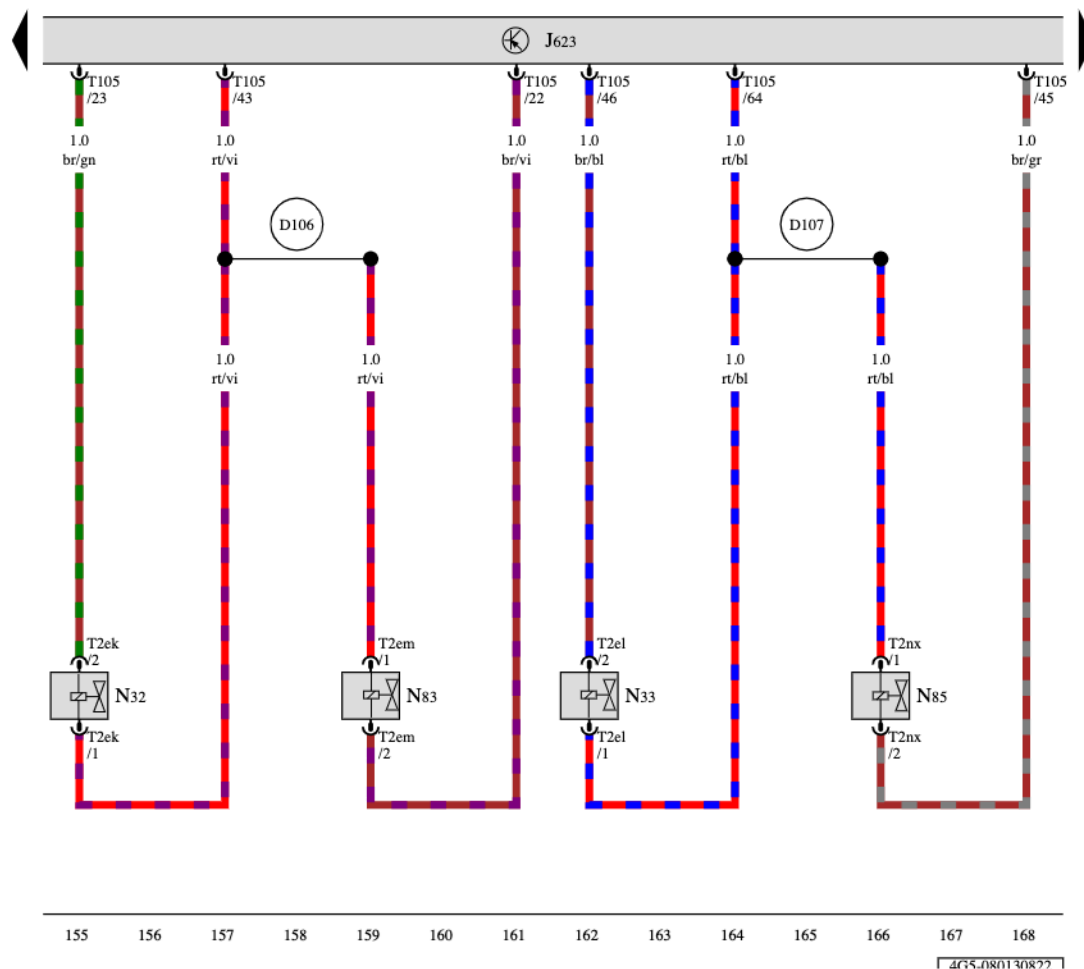
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- gr = grey
- li = lilac
- vi = lilac
- ge = yellow
- or = orange
- rs = pink

Engine/Motor Control Module, Cylinder 3 Fuel Injector, Cylinder 4 Fuel Injector, Cylinder 5 Fuel Injector, Cylinder 7 Fuel Injector

- J623 Engine/Motor Control Module
- N32 Cylinder 3 Fuel Injector
- N33 Cylinder 4 Fuel Injector
- N83 Cylinder 5 Fuel Injector
- N85 Cylinder 7 Fuel Injector
- T2ek 2-Pin Connector
- T2el 2-Pin Connector
- T2em 2-Pin Connector
- T2nx 2-Pin Connector
- T105 105-Pin Connector

D106 Connection 4 (in Engine/Motor Compartment Wiring Harness)

D107 Connection 5 (in Engine/Motor Compartment Wiring Harness)

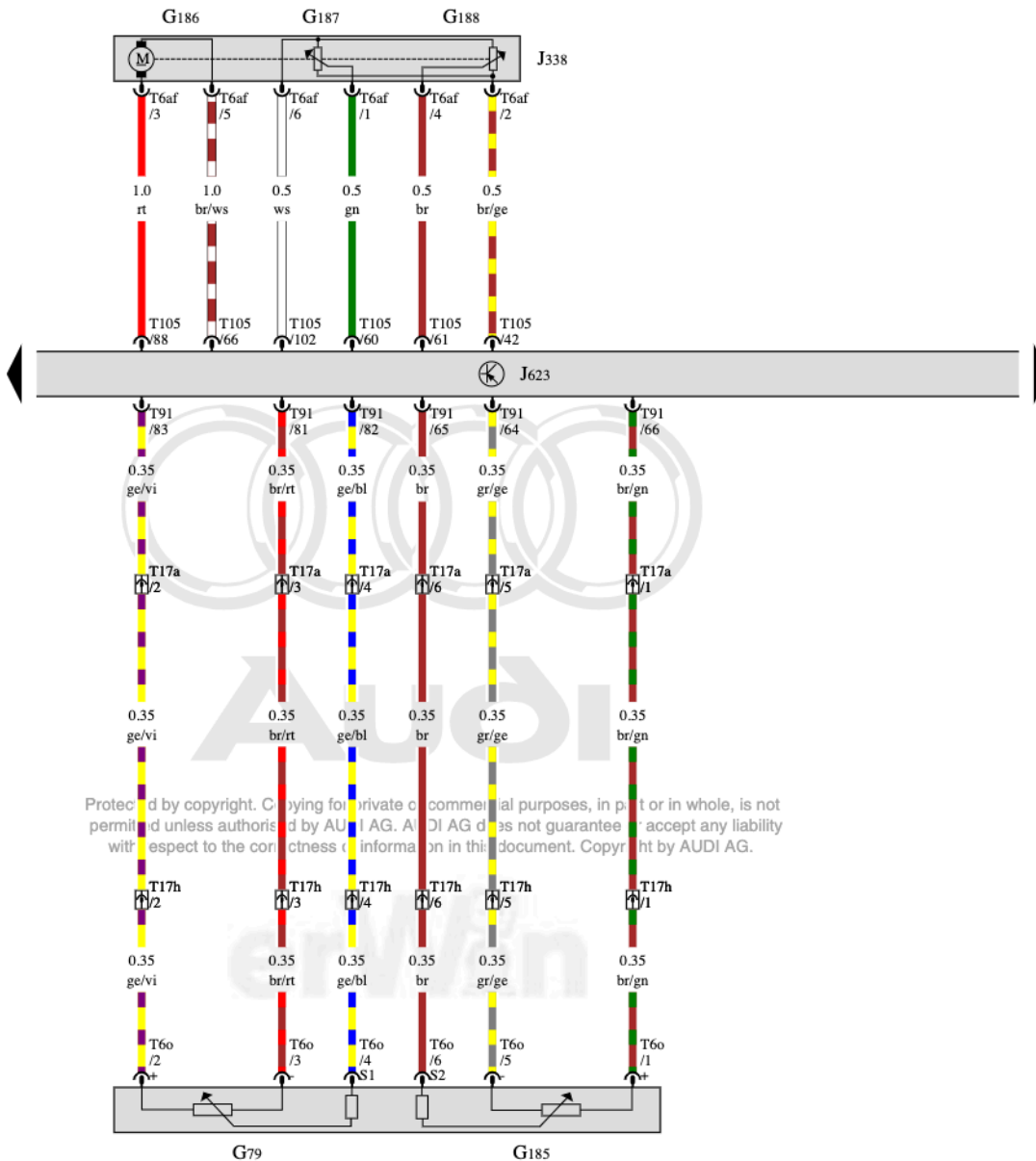


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- ge = yellow
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- rs = pink

Accelerator Pedal Position Sensor, Throttle Valve Control Module, Engine/Motor Control Module

- G79 Accelerator Pedal Position Sensor
- G185 Accelerator Pedal Position Sensor 2
- G186 EPC Throttle Drive
- G187 EPC Throttle Drive Angle Sensor 1
- G188 EPC Throttle Drive Angle Sensor 2
- J338 Throttle Valve Control Module
- J623 Engine/Motor Control Module
- T6af 6-Pin Connector
- T6o 6-Pin Connector
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station
- T17h 17-Pin Connector, In the Left A-Pillar Connector Station
- T91 91-Pin Connector
- T105 105-Pin Connector

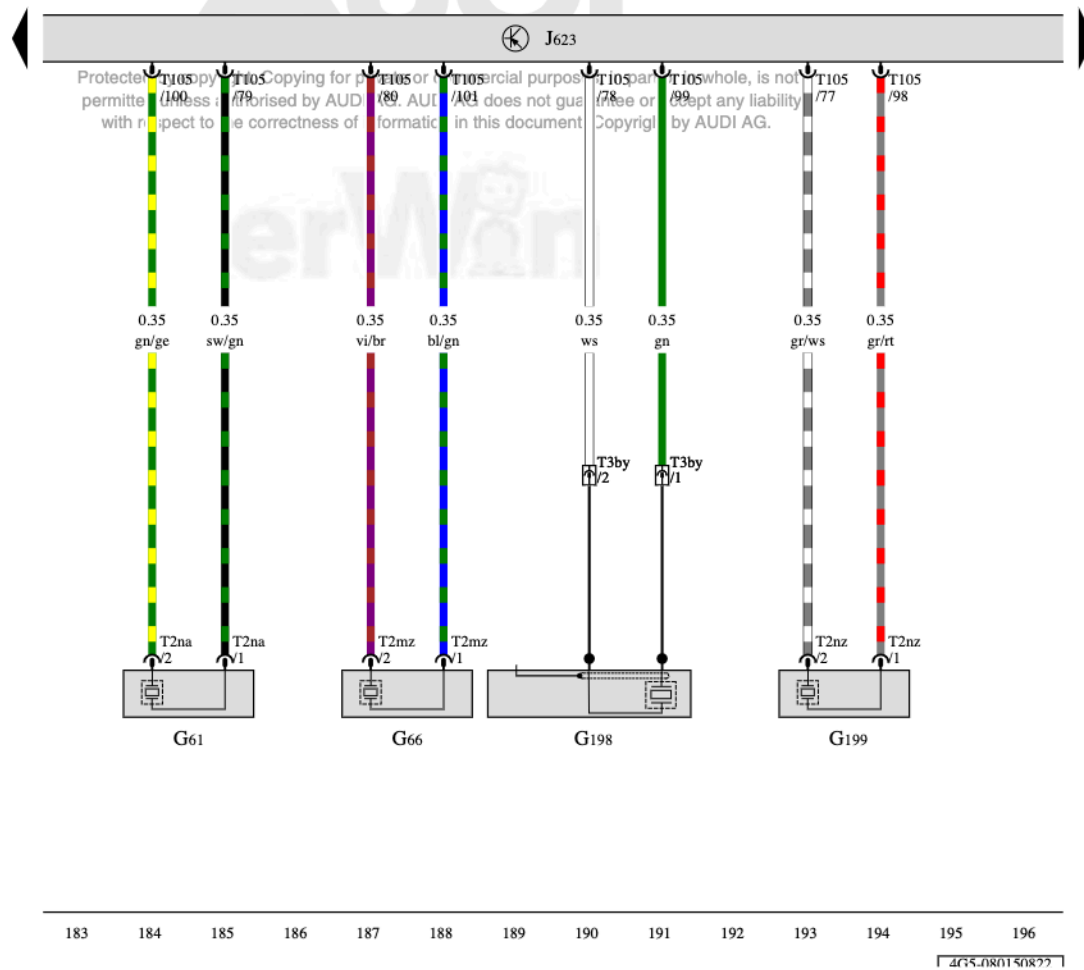


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Knock Sensor 1, Knock Sensor 2, Knock Sensor 3, Knock Sensor 4, Engine/Motor Control Module

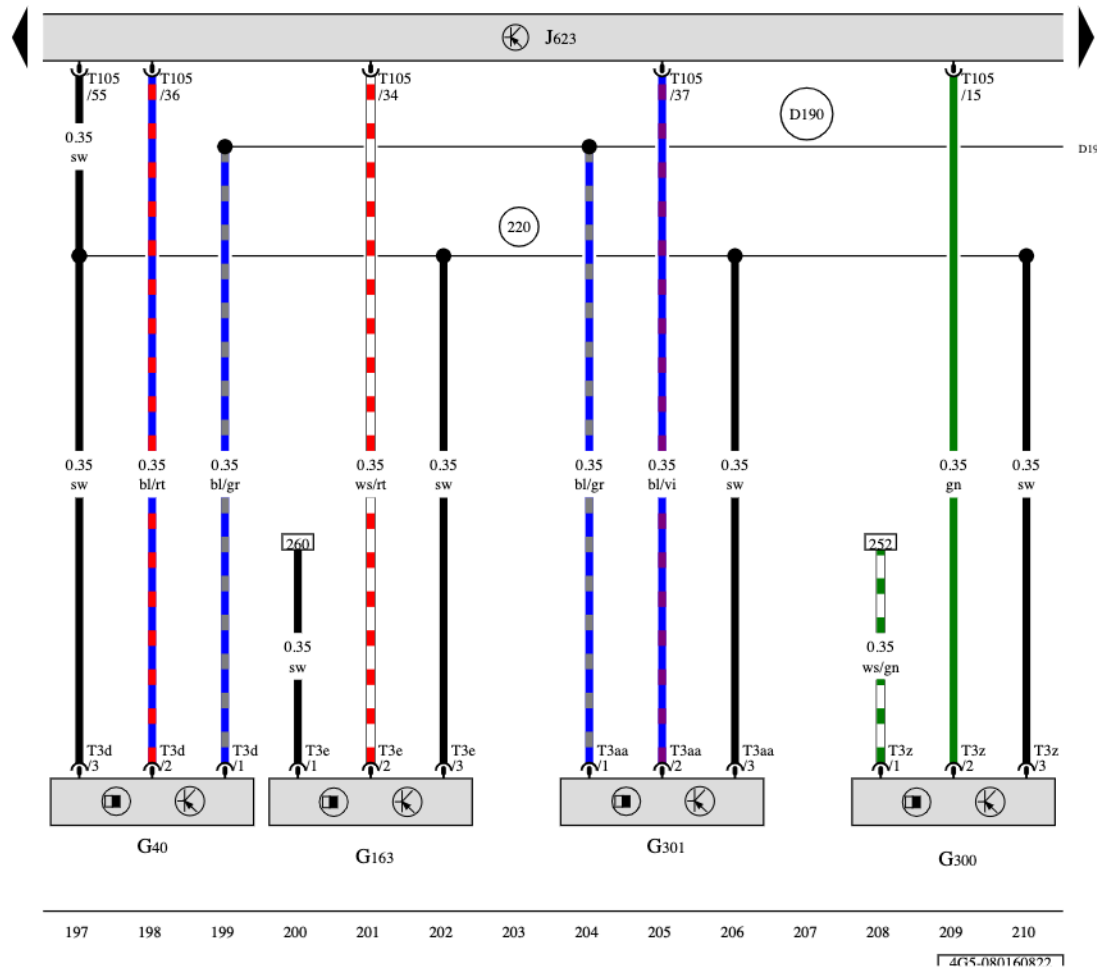
- G61 Knock Sensor 1
- G66 Knock Sensor 2
- G198 Knock Sensor 3
- G199 Knock Sensor 4
- J623 Engine/Motor Control Module
- T2mz 2-Pin Connector
- T2na 2-Pin Connector
- T2nz 2-Pin Connector
- T3by 3-Pin Connector, Black
- T105 105-Pin Connector



Camshaft Position Sensor, Camshaft Position Sensor 2, Camshaft Position Sensor 3, Camshaft Position Sensor 4, Engine/Motor Control Module

- G40 Camshaft Position Sensor
- G163 Camshaft Position Sensor 2
- G300 Camshaft Position Sensor 3
- G301 Camshaft Position Sensor 4
- J623 Engine/Motor Control Module
- T3aa 3-Pin Connector
- T3d 3-Pin Connector
- T3e 3-Pin Connector
- T3z 3-Pin Connector
- T105 105-Pin Connector

- 220 Sensor Ground Connection (in Engine Wiring Harness)
- D190 Connection 3 (5V) (in Engine Pre-Wiring Harness)



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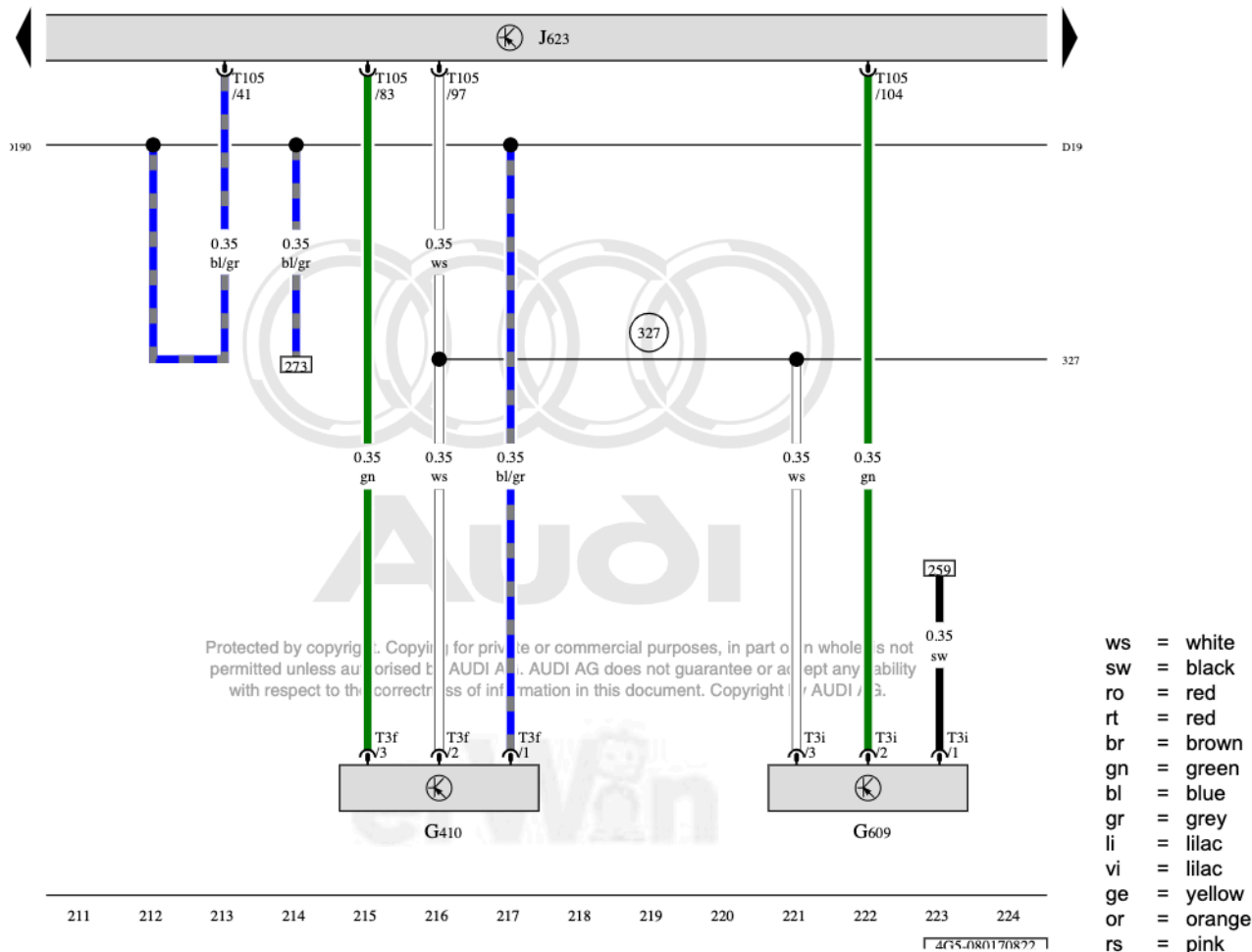


Low Fuel Pressure Sensor, Secondary Air Injection  
Sensor 1, Engine/Motor Control Module

- G410 Low Fuel Pressure Sensor
- G609 Secondary Air Injection Sensor 1
- J623 Engine/Motor Control Module
- T3f 3-Pin Connector
- T3i 3-Pin Connector
- T105 105-Pin Connector

327 Sensor Ground Connection (in Engine/Motor Compartment Wiring Harness)

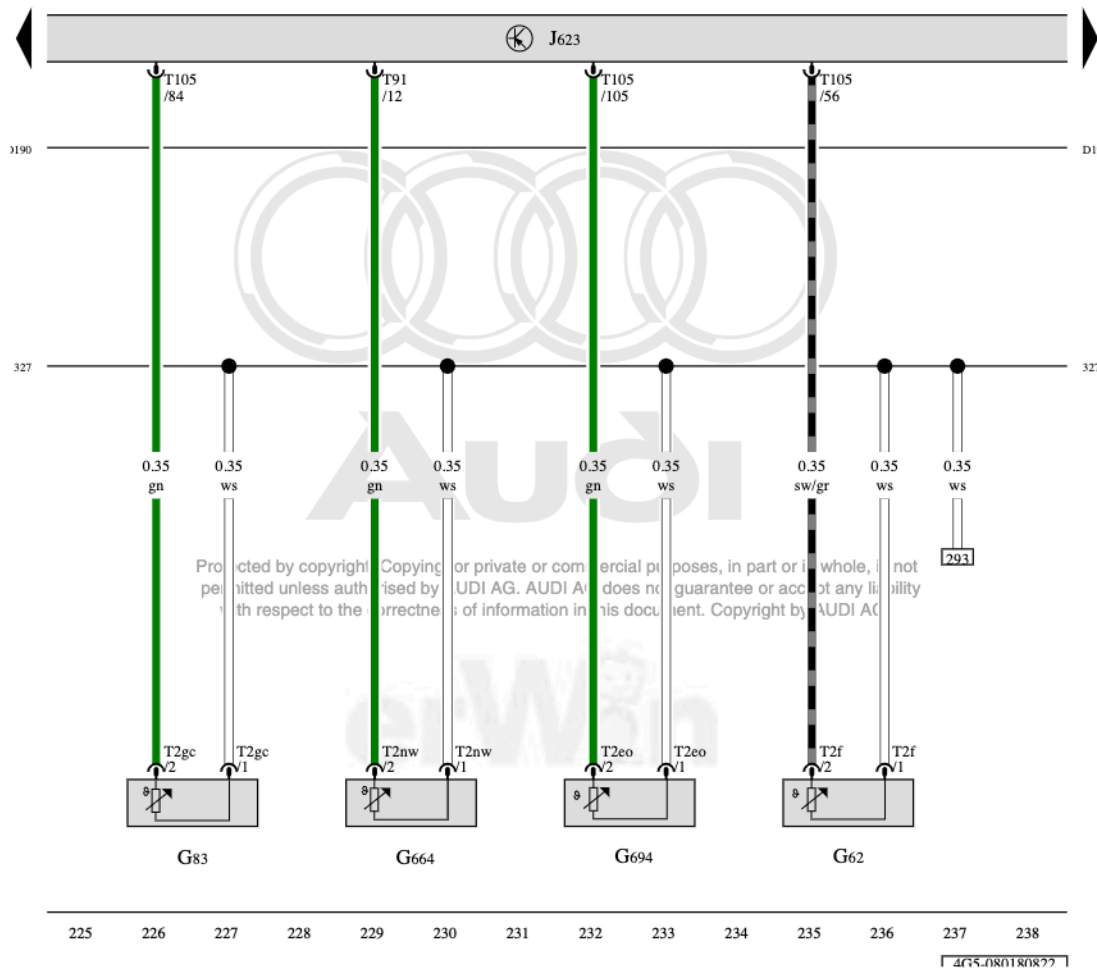
D190 Connection 3 (5V) (in Engine Pre-Wiring Harness)



Engine Coolant Temperature Sensor, Engine Coolant Temperature Sensor on Radiator Outlet, Oil Temperature Sensor 2, Engine Temperature Control Sensor, Engine/Motor Control Module

- G62 Engine Coolant Temperature Sensor
- G83 Engine Coolant Temperature Sensor on Radiator Outlet
- G664 Oil Temperature Sensor 2
- G694 Engine Temperature Control Sensor
- J623 Engine/Motor Control Module
- T2eo 2-Pin Connector
- T2f 2-Pin Connector
- T2gc 2-Pin Connector
- T2nw 2-Pin Connector
- T91 91-Pin Connector
- T105 105-Pin Connector

- 327 Sensor Ground Connection (in Engine/Motor Compartment Wiring Harness)
- D190 Connection 3 (5V) (in Engine Pre-Wiring Harness)



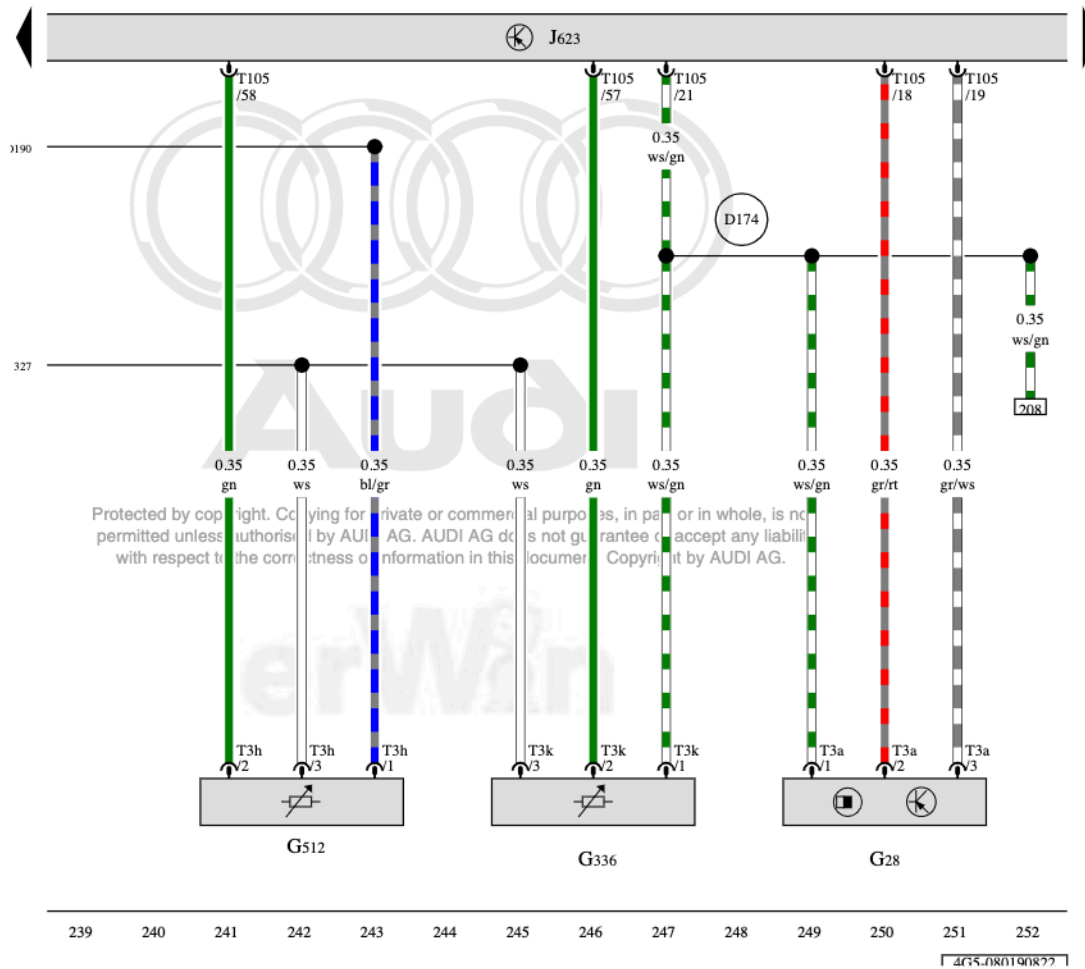
Engine Speed Sensor, Intake Manifold Runner Position Sensor, Intake Manifold Runner Position Sensor 2, Engine/Motor Control Module

- G28 Engine Speed Sensor
- G336 Intake Manifold Runner Position Sensor
- G512 Intake Manifold Runner Position Sensor 2
- J623 Engine/Motor Control Module
- T3a 3-Pin Connector
- T3h 3-Pin Connector
- T3k 3-Pin Connector
- T105 105-Pin Connector

327 Sensor Ground Connection (in Engine/Motor Compartment Wiring Harness)

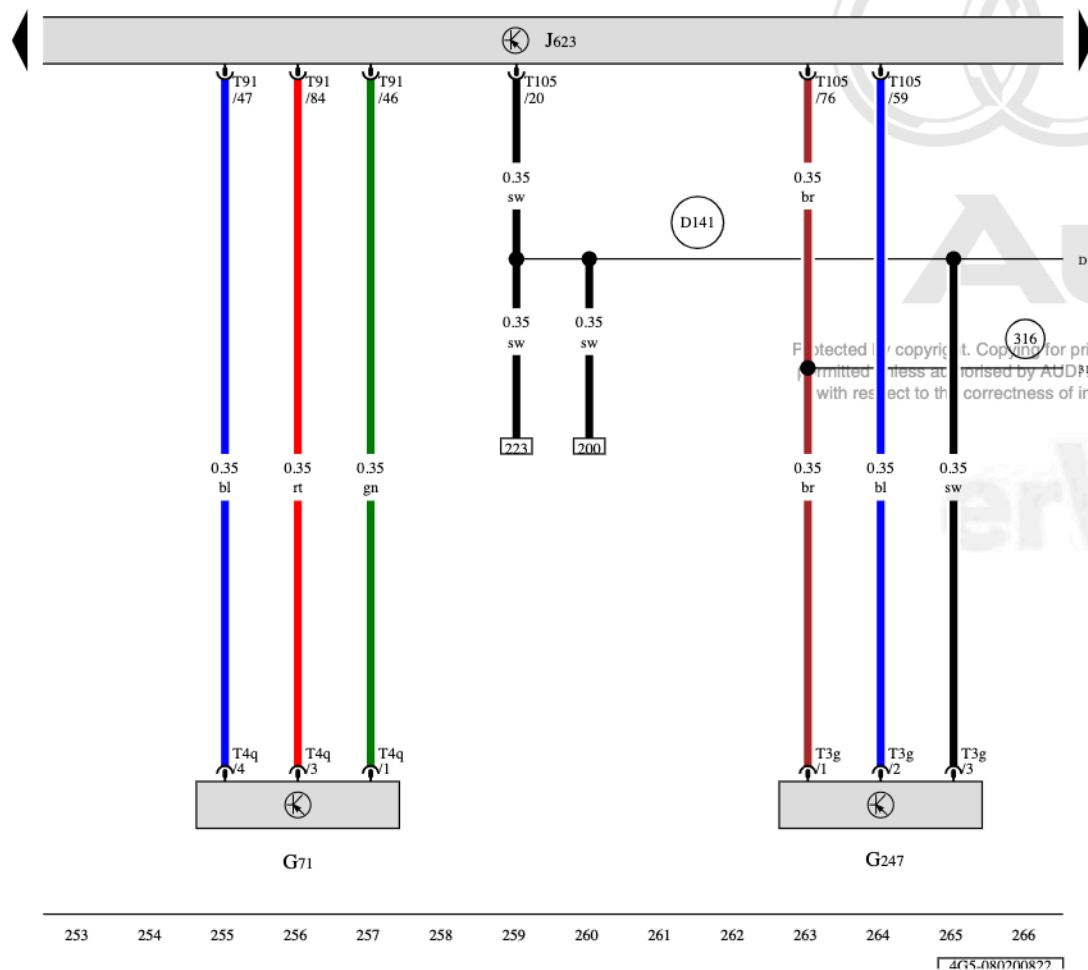
D174 Connection 2 (5V) (in Engine Pre-Wiring Harness)

D190 Connection 3 (5V) (in Engine Pre-Wiring Harness)



Manifold Absolute Pressure Sensor, Fuel Pressure Sensor, Engine/Motor Control Module

- G71 Manifold Absolute Pressure Sensor
- G247 Fuel Pressure Sensor
- J623 Engine/Motor Control Module
- T3g 3-Pin Connector
- T4q 4-Pin Connector
- T91 91-Pin Connector
- T105 105-Pin Connector
- 316 Sensor Ground Connection 2 (in Engine Wiring Harness)
- D141 Connection 5V (in Engine Pre-Wiring Harness)



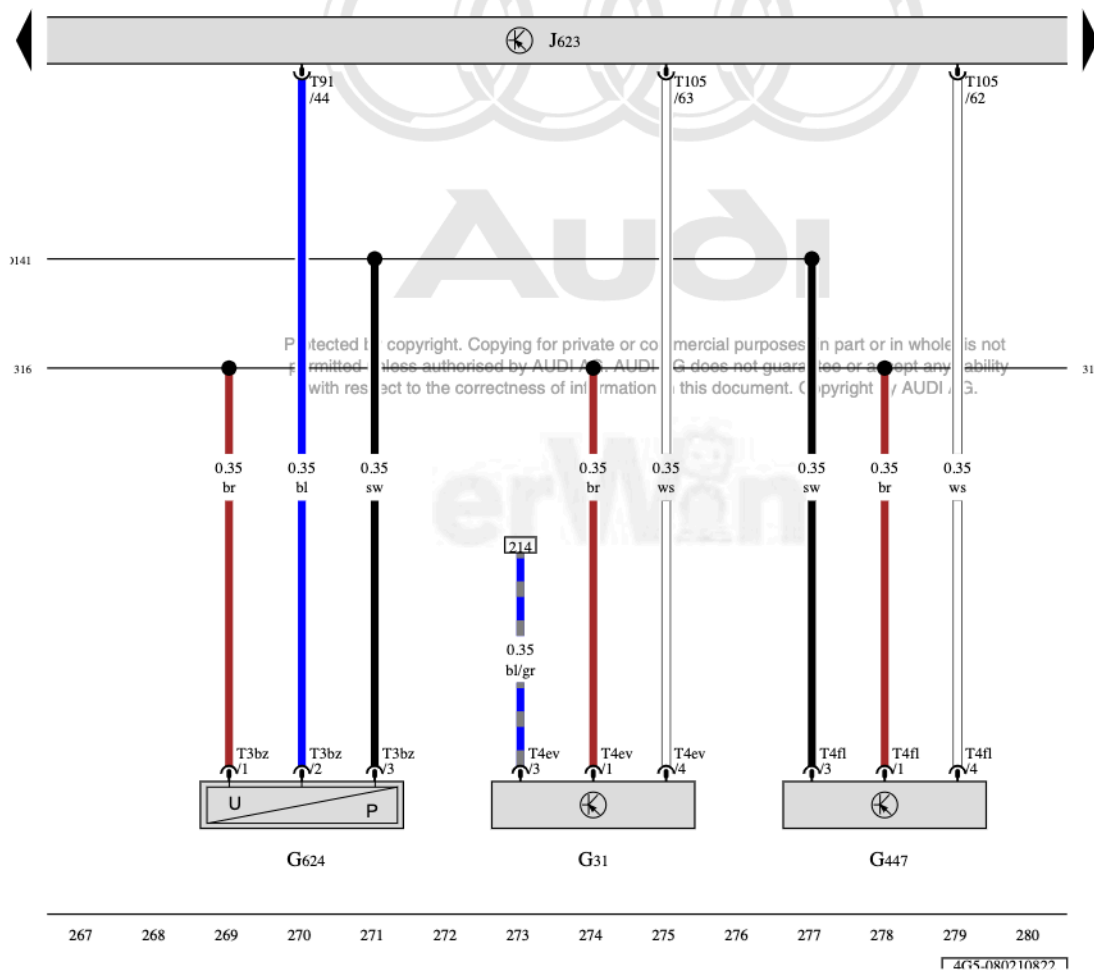
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- rs = pink

Charge Air Pressure Sensor, Charge Air Pressure Sensor 2, Fuel Pressure Sensor 2, Engine/Motor Control Module

- G31 Charge Air Pressure Sensor
- G447 Charge Air Pressure Sensor 2
- G624 Fuel Pressure Sensor 2
- J623 Engine/Motor Control Module
- T3bz 3-Pin Connector
- T4ev 4-Pin Connector
- T4fl 4-Pin Connector
- T91 91-Pin Connector
- T105 105-Pin Connector

316 Sensor Ground Connection 2 (in Engine Wiring Harness)

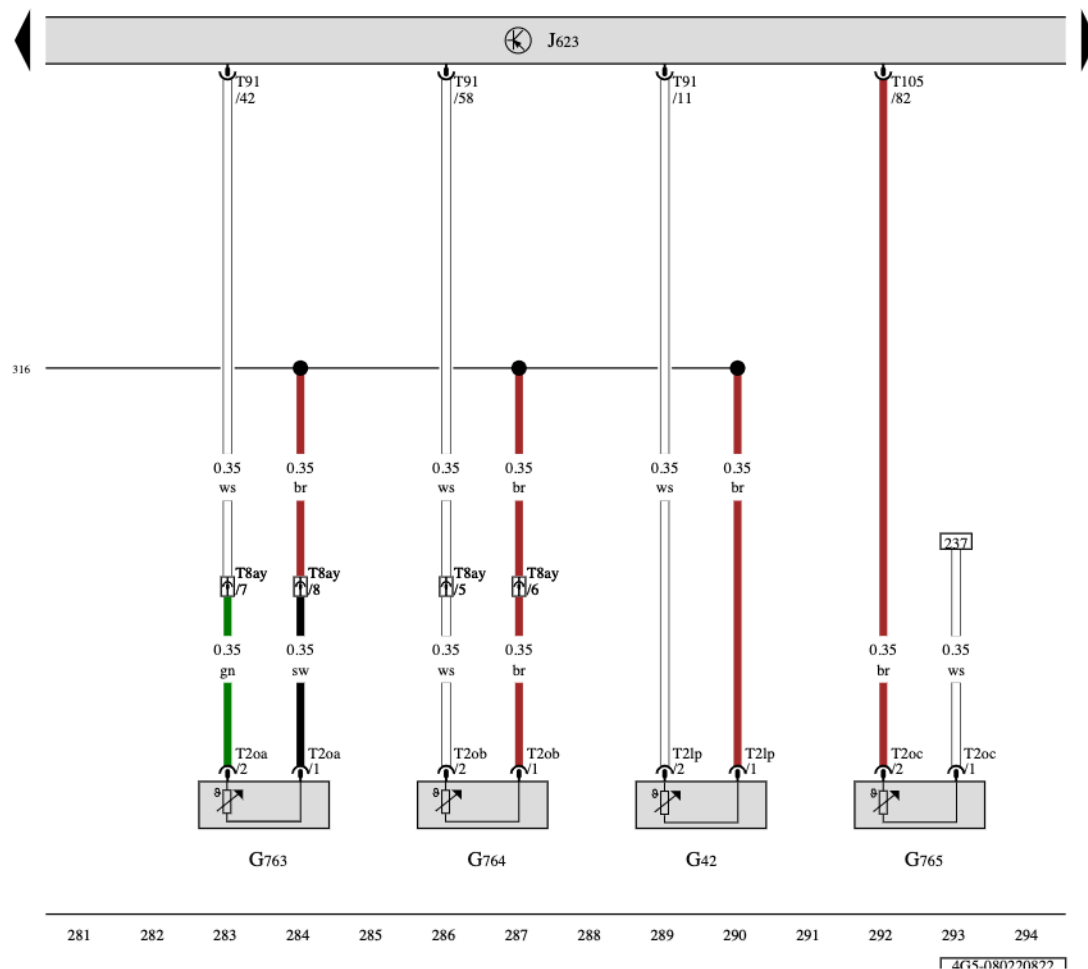
D141 Connection 5V (in Engine Pre-Wiring Harness)



Intake Air Temperature Sensor, Charge Air Cooler  
Temperature Sensor 1, Engine Cover Temperature  
Sensor, Engine/Motor Control Module

- G42 Intake Air Temperature Sensor
- G763 Charge Air Cooler Temperature Sensor 1
- G764 Charge Air Cooler Temperature Sensor 2
- G765 Engine Cover Temperature Sensor
- J623 Engine/Motor Control Module
- T2lp 2-Pin Connector
- T2oa 2-Pin Connector
- T2ob 2-Pin Connector
- T2oc 2-Pin Connector
- T8ay 8-Pin Connector, In the Engine/Motor Compartment, Right Front
- T91 91-Pin Connector
- T105 105-Pin Connector

316 Sensor Ground Connection 2 (in Engine Wiring Harness)



- ws = white
- sw = black
- ro = red
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- br = brown
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- gr = grey
- li = lilac
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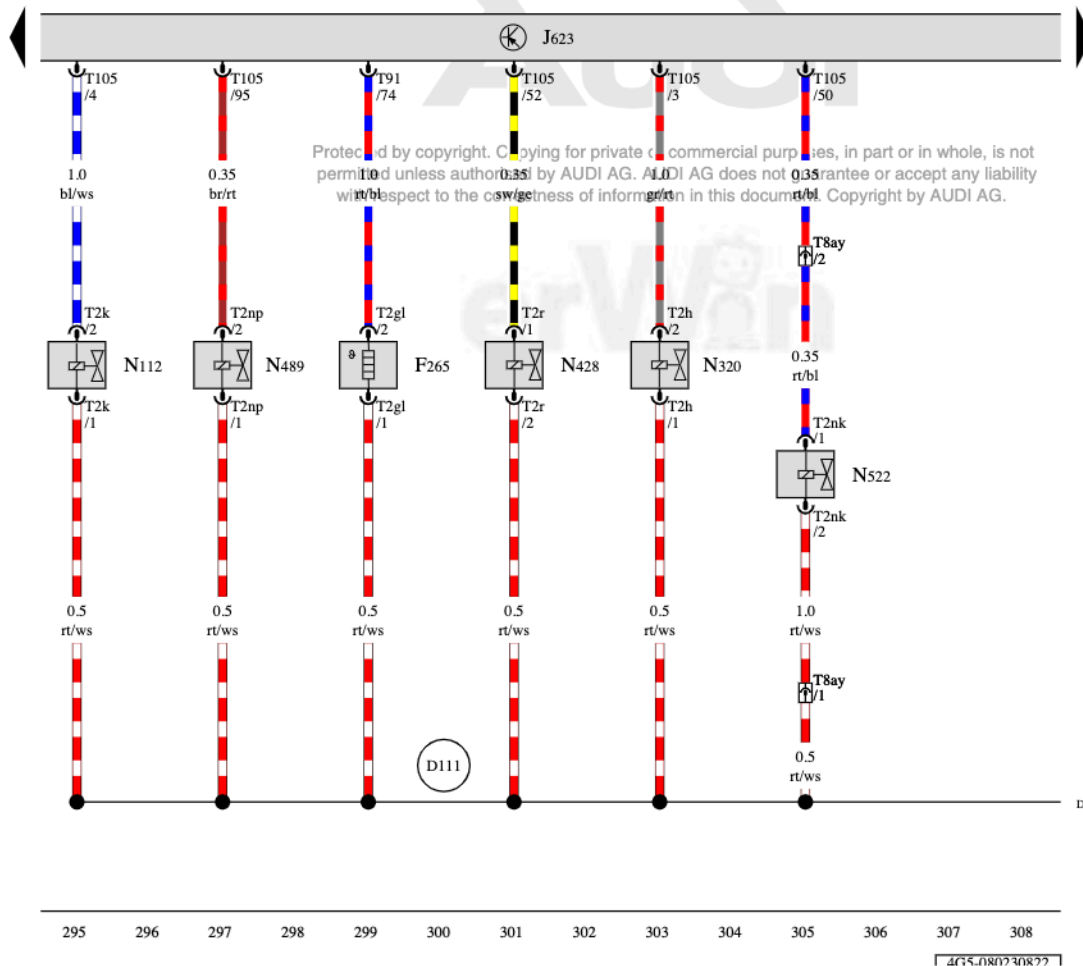


Map Controlled Engine Cooling Thermostat, Engine/Motor Control Module, Secondary Air Injection Solenoid Valve, Secondary Air Injection Solenoid Valve 2, Oil Pressure Regulation Valve, Cylinder Head Coolant Valve, Piston Cooling Nozzle Control Valve

- F265 Map Controlled Engine Cooling Thermostat
- J623 Engine/Motor Control Module
- N112 Secondary Air Injection Solenoid Valve
- N320 Secondary Air Injection Solenoid Valve 2
- N428 Oil Pressure Regulation Valve
- N489 Cylinder Head Coolant Valve
- N522 Piston Cooling Nozzle Control Valve
- T2gl 2-Pin Connector
- T2h 2-Pin Connector
- T2k 2-Pin Connector
- T2nk 2-Pin Connector
- T2np 2-Pin Connector
- T2r 2-Pin Connector
- T8ay 8-Pin Connector, In the Engine/Motor Compartment, Right Front

- T91 91-Pin Connector
- T105 105-Pin Connector

D111 Connection 9 (in Engine/Motor Compartment Wiring Harness)



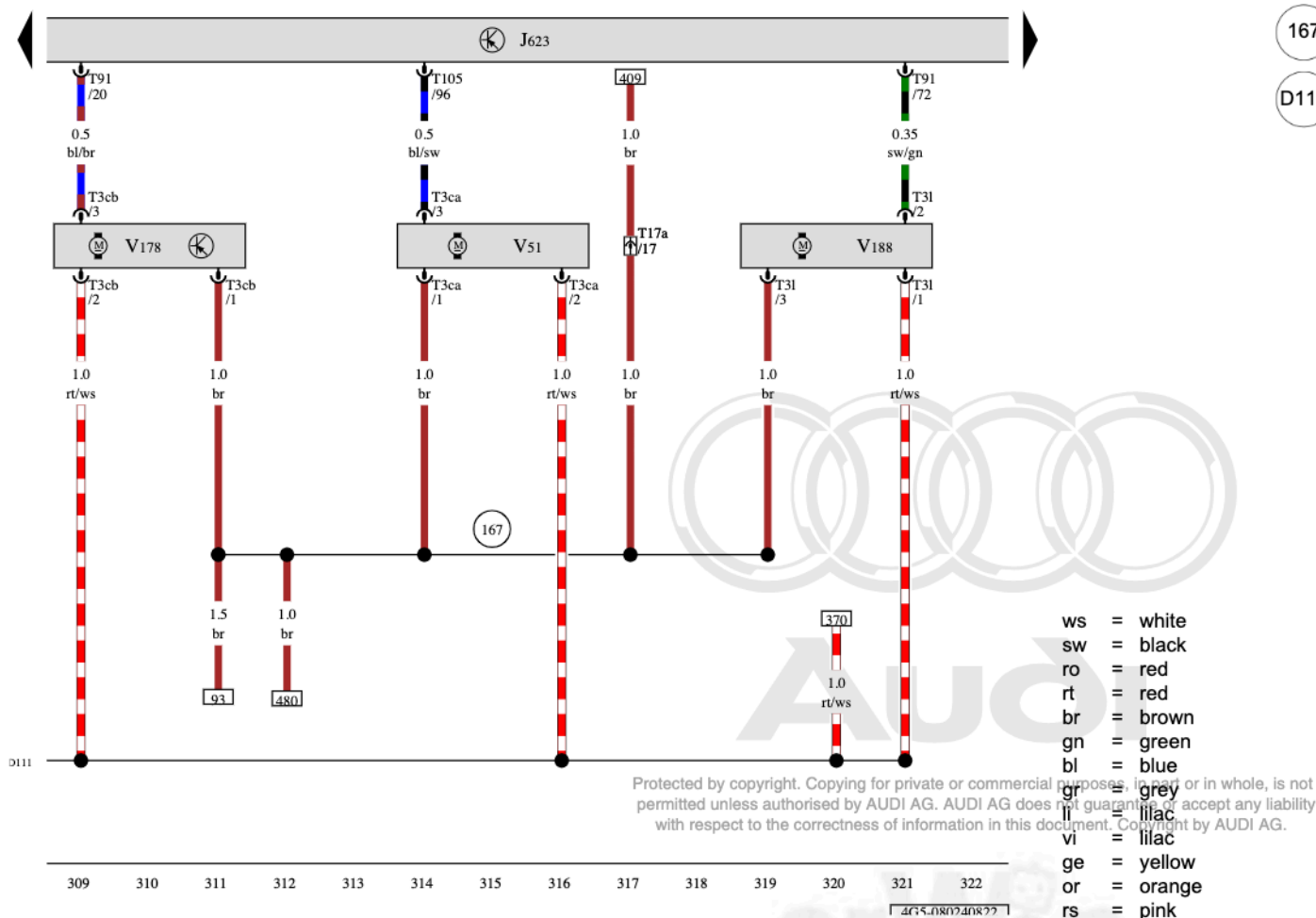
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Engine/Motor Control Module, After-Run Coolant Pump, Engine Coolant Circulation Pump 2, Charge Air Cooling Pump

- J623 Engine/Motor Control Module
- T3ca 3-Pin Connector
- T3cb 3-Pin Connector
- T3l 3-Pin Connector
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station
- T91 91-Pin Connector
- T105 105-Pin Connector
- V51 After-Run Coolant Pump
- V178 Engine Coolant Circulation Pump 2
- V188 Charge Air Cooling Pump

167 Ground Connection 4 (in Engine/Motor Compartment Wiring Harness)

D111 Connection 9 (in Engine/Motor Compartment Wiring Harness)



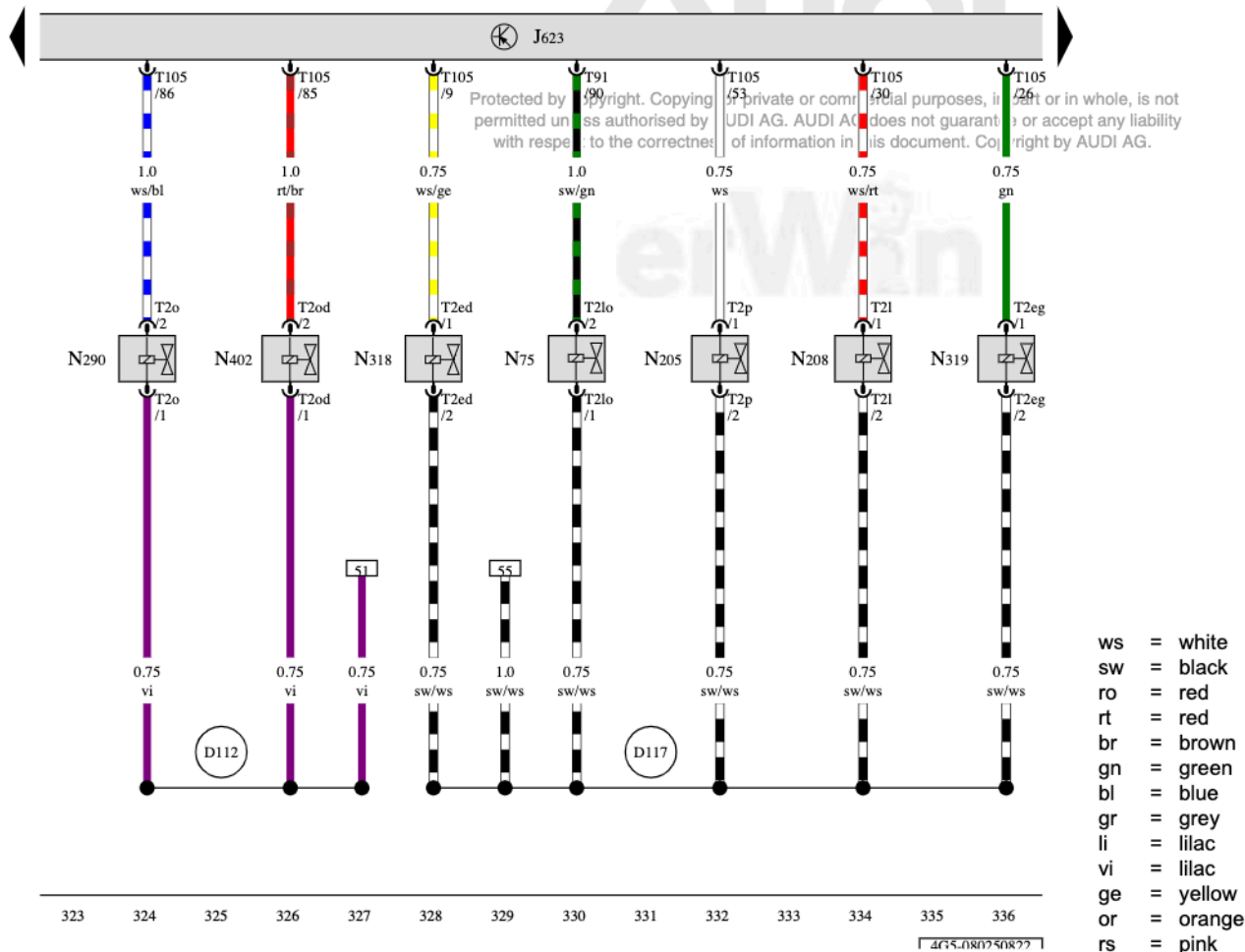


Engine/Motor Control Module, Wastegate Bypass  
Regulator Valve, Camshaft Adjustment Valve 1, Fuel  
Metering Valve, Exhaust Camshaft Adjustment Valve 1

- J623 Engine/Motor Control Module
- N75 Wastegate Bypass Regulator Valve
- N205 Camshaft Adjustment Valve 1
- N208 Camshaft Adjustment Valve 2
- N290 Fuel Metering Valve
- N318 Exhaust Camshaft Adjustment Valve 1
- N319 Exhaust Camshaft Adjustment Valve 2
- N402 Fuel Metering Valve 2
- T2ed 2-Pin Connector
- T2eg 2-Pin Connector
- T2l 2-Pin Connector
- T2lo 2-Pin Connector
- T2o 2-Pin Connector
- T2od 2-Pin Connector
- T2p 2-Pin Connector
- T91 91-Pin Connector
- T105 105-Pin Connector

D112 Connection 10 (in Engine/Motor Compartment Wiring Harness)

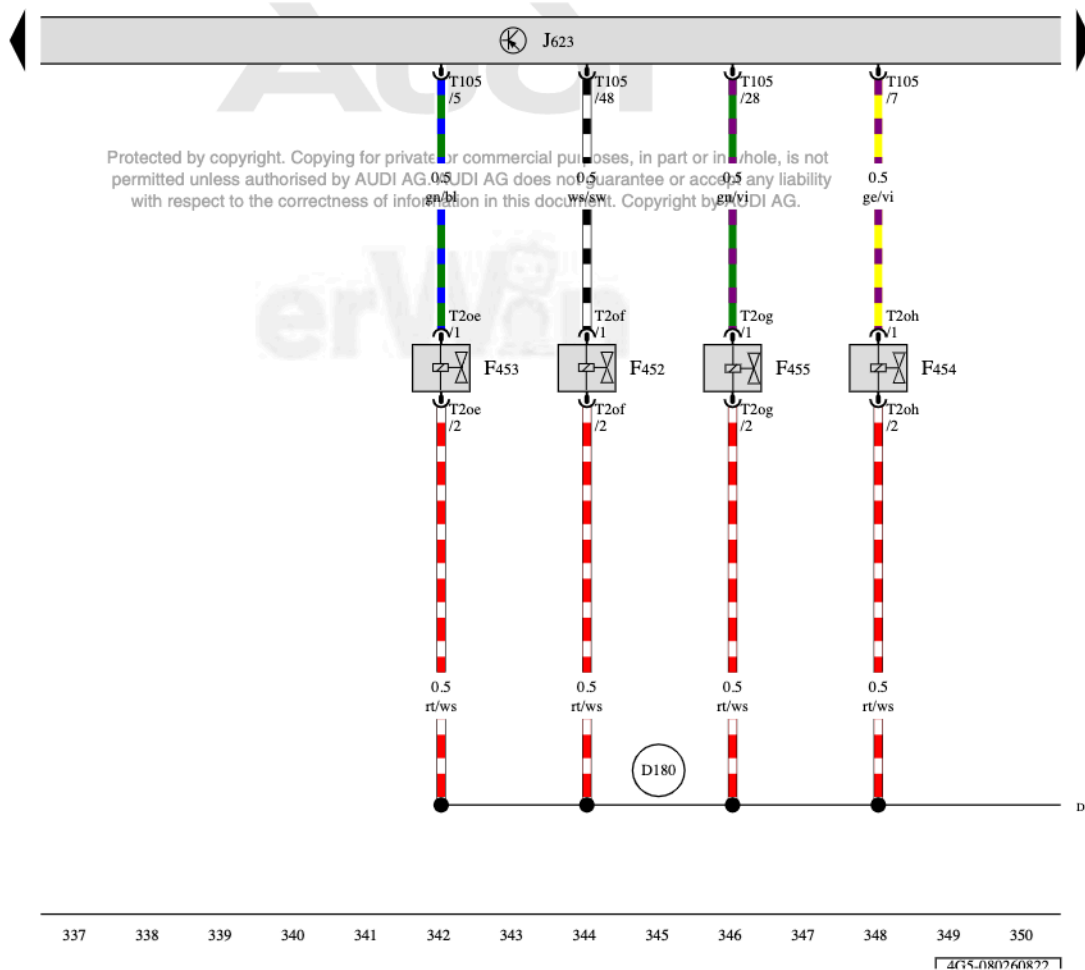
D117 Connection 15 (in Engine/Motor Compartment Wiring Harness)



# Cylinder 2 Intake Cam Actuator 2, Engine/Motor Control Module

- F452 Cylinder 2 Intake Cam Actuator 1
- F453 Cylinder 2 Intake Cam Actuator 2
- F454 Cylinder 2 Exhaust Cam Actuator 1
- F455 Cylinder 2 Exhaust Cam Actuator 2
- J623 Engine/Motor Control Module
- T2oe 2-Pin Connector
- T2of 2-Pin Connector
- T2og 2-Pin Connector
- T2oh 2-Pin Connector
- T105 105-Pin Connector

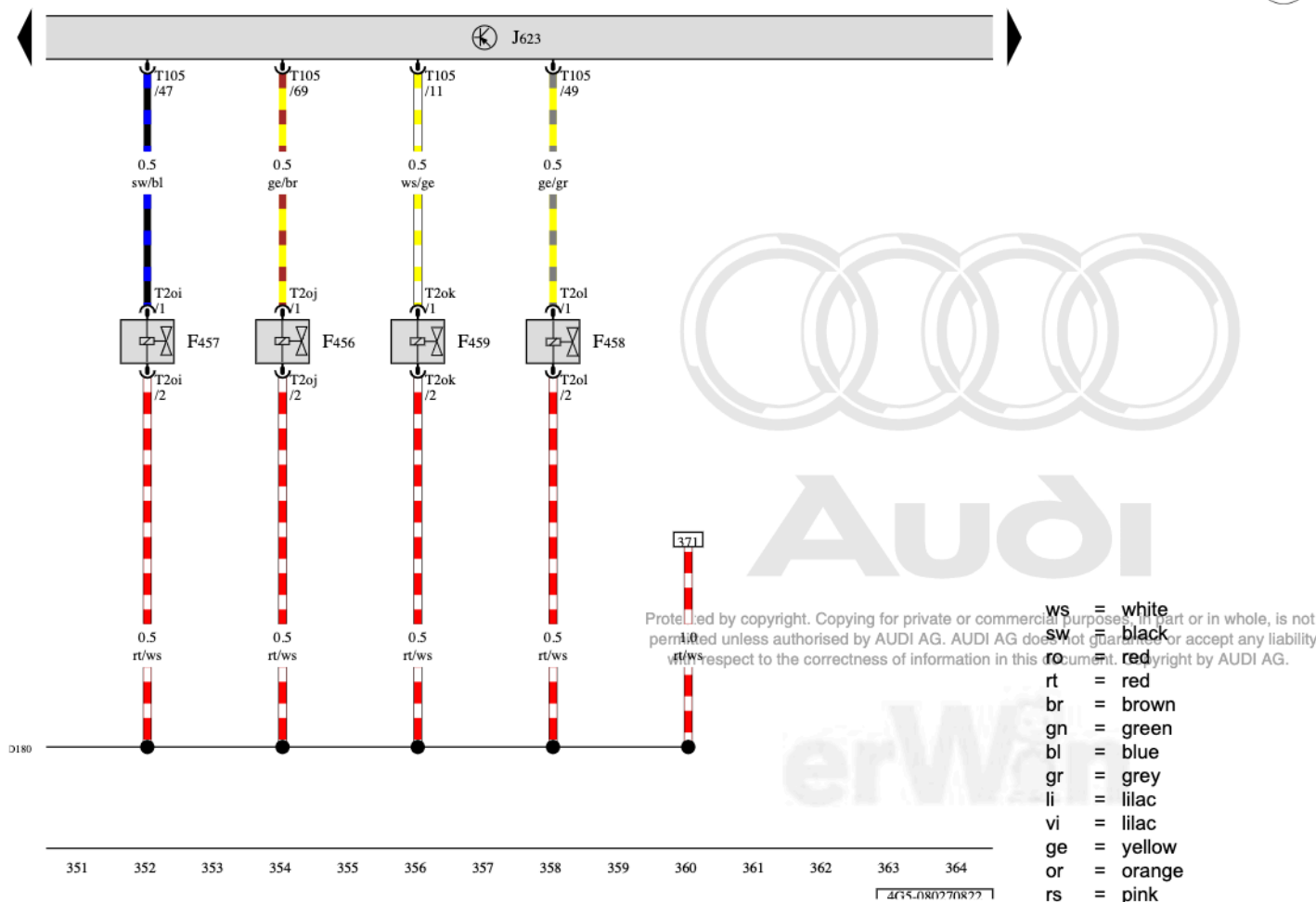
D180 Connection 87A (in Engine/Motor Compartment Wiring Harness)

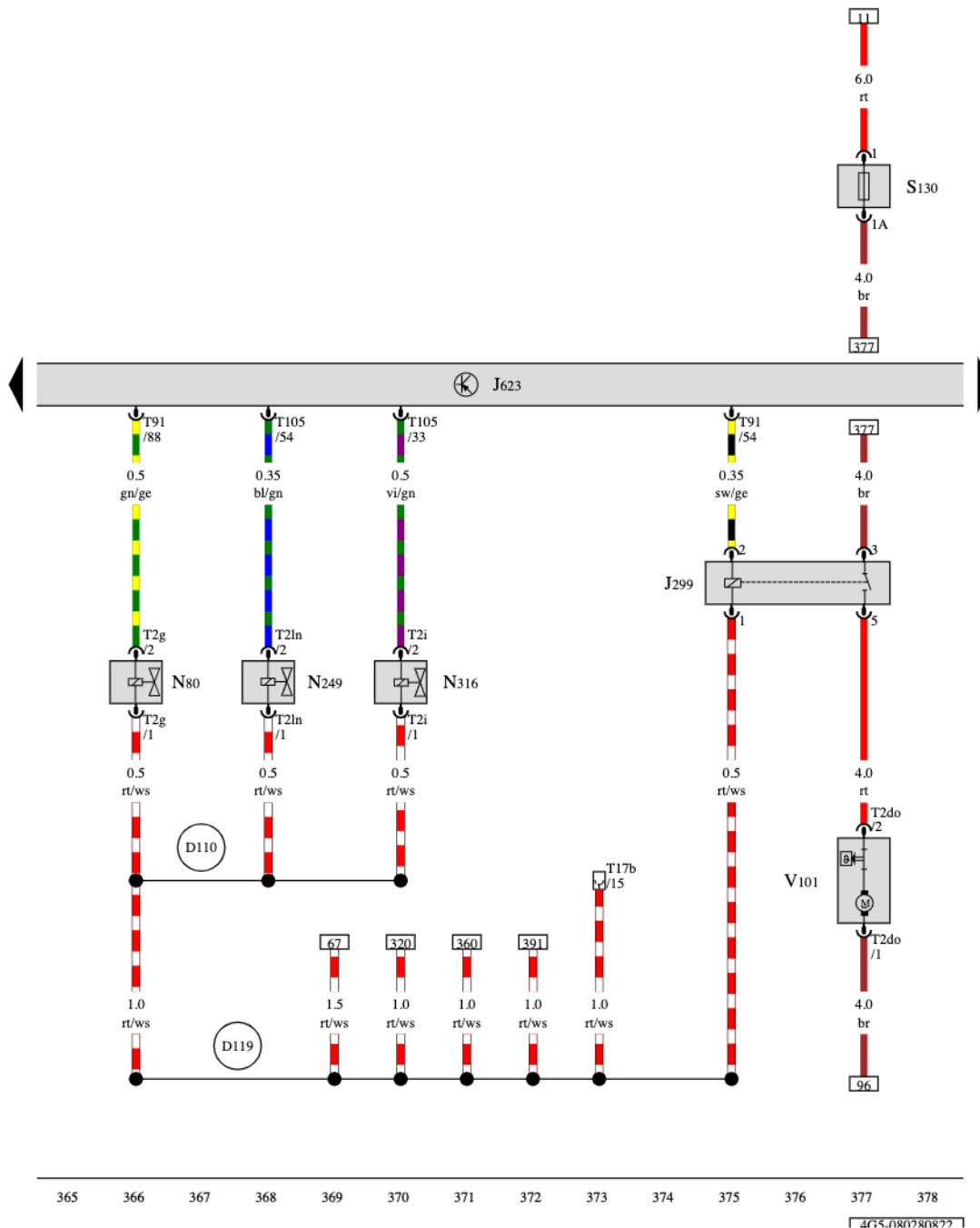


# Cylinder 3 Intake Cam Actuator 2, Engine/Motor Control Module

- F456 Cylinder 3 Intake Cam Actuator 1
- F457 Cylinder 3 Intake Cam Actuator 2
- F458 Cylinder 3 Exhaust Cam Actuator 1
- F459 Cylinder 3 Exhaust Cam Actuator 2
- J623 Engine/Motor Control Module
- T2oi 2-Pin Connector
- T2oj 2-Pin Connector
- T2ok 2-Pin Connector
- T2ol 2-Pin Connector
- T105 105-Pin Connector

D180 Connection 87A (in Engine/Motor Compartment Wiring Harness)





Secondary Air Injection Pump Relay, Engine/Motor Control Module, EVAP Canister Purge Regulator Valve 1, Turbocharger Recirculation Valve, Intake Manifold Runner Control Valve, Secondary Air Injection Pump Fuse

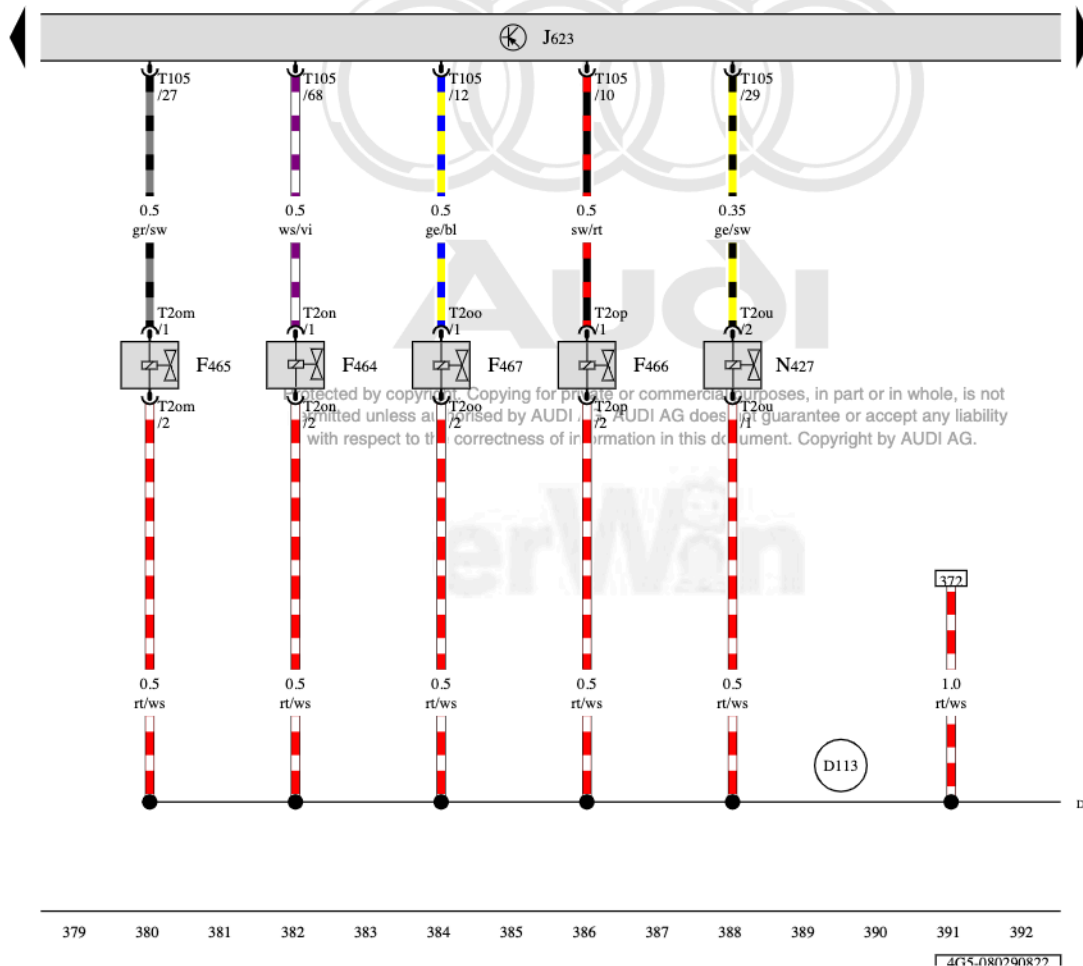
- J299 Secondary Air Injection Pump Relay
- J623 Engine/Motor Control Module
- N80 EVAP Canister Purge Regulator Valve 1
- N249 Turbocharger Recirculation Valve
- N316 Intake Manifold Runner Control Valve
- S130 Secondary Air Injection Pump Fuse
- T2do 2-Pin Connector
- T2g 2-Pin Connector
- T2i 2-Pin Connector
- T2ln 2-Pin Connector
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station
- T91 91-Pin Connector
- T105 105-Pin Connector
- V101 Secondary Air Injection Pump Motor
- D110 Connection 8 (in Engine/Motor Compartment Wiring Harness)
- D119 Connection 17 (in Engine/Motor Compartment Wiring Harness)

ws = white  
 sw = black  
 ro = red  
 rt = red  
 br = brown  
 gn = green  
 bl = blue  
 gr = grey  
 li = lilac  
 vi = lilac  
 ge = yellow  
 or = orange  
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# Cylinder 5 Intake Cam Actuator 2, Engine/Motor Control Module

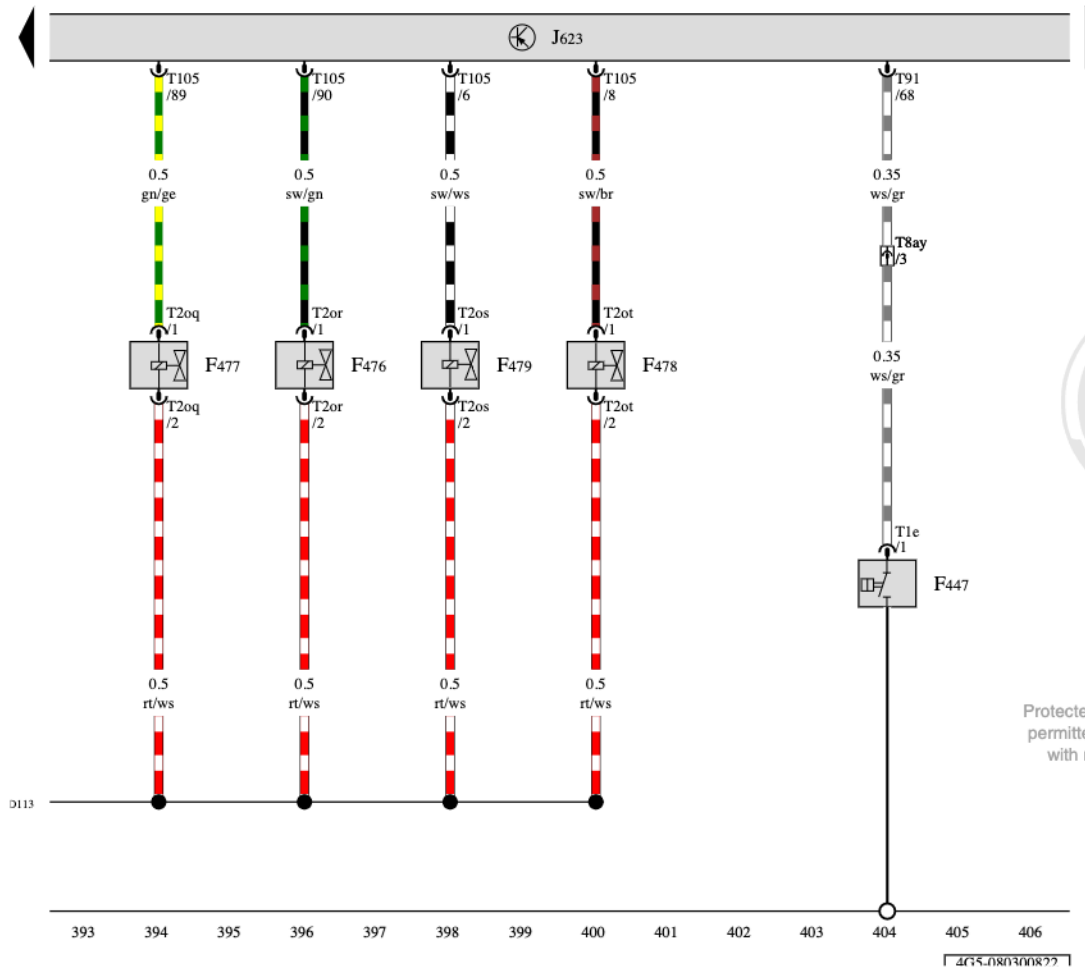
- F464 Cylinder 5 Intake Cam Actuator 1
- F465 Cylinder 5 Intake Cam Actuator 2
- F466 Cylinder 5 Exhaust Cam Actuator 1
- F467 Cylinder 5 Exhaust Cam Actuator 2
- J623 Engine/Motor Control Module
- N427 Turbocharger Recirculation Valve Bank 2
- T2om 2-Pin Connector
- T2on 2-Pin Connector
- T2oo 2-Pin Connector
- T2op 2-Pin Connector
- T2ou 2-Pin Connector
- T105 105-Pin Connector

D113 Connection 11 (in Engine/Motor Compartment Wiring Harness)



Oil Pressure Switch, Level 3, Cylinder 8 Intake Cam  
Actuator 2, Engine/Motor Control Module

- F447 Oil Pressure Switch, Level 3
- F476 Cylinder 8 Intake Cam Actuator 1
- F477 Cylinder 8 Intake Cam Actuator 2
- F478 Cylinder 8 Exhaust Cam Actuator 1
- F479 Cylinder 8 Exhaust Cam Actuator 2
- J623 Engine/Motor Control Module
- T1e 1-Pin Connector
- T2oq 2-Pin Connector
- T2or 2-Pin Connector
- T2os 2-Pin Connector
- T2ot 2-Pin Connector
- T8ay 8-Pin Connector, In the Engine/Motor Compartment, Right Front
- T91 91-Pin Connector
- T105 105-Pin Connector
- D113 Connection 11 (in Engine/Motor Compartment Wiring Harness)



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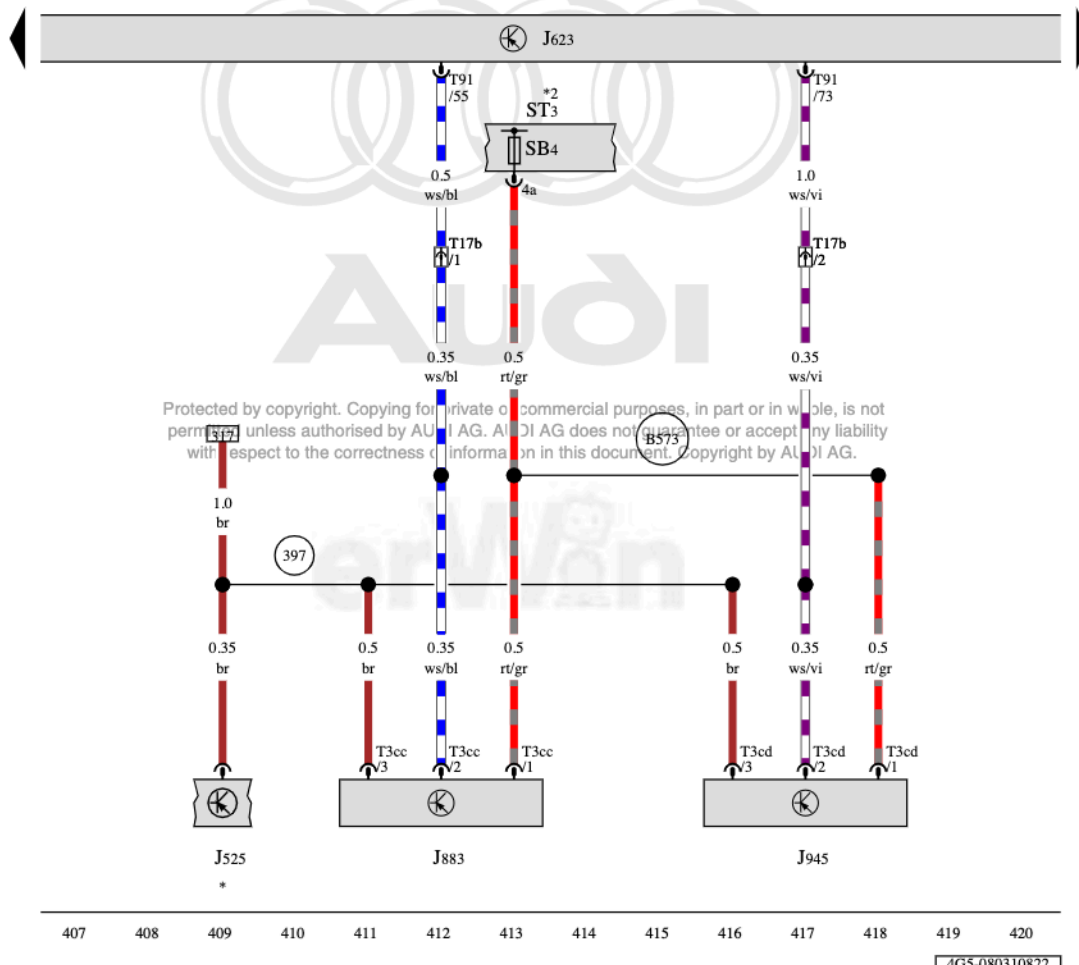
Engine/Motor Control Module, Exhaust Door Control Unit,  
Exhaust Door Control Unit 2

- J525 Digital Sound System Control Module
- J623 Engine/Motor Control Module
- J883 Exhaust Door Control Unit
- J945 Exhaust Door Control Unit 2
- ST3 Fuse Panel 3
- SB4 Fuse 4 (On Fuse Panel B)
- T3cc 3-Pin Connector
- T3cd 3-Pin Connector
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station
- T91 91-Pin Connector

397 Ground Connection 32 (in Main Wiring Harness)

B573 Connection 40 (in Main Wiring Harness)

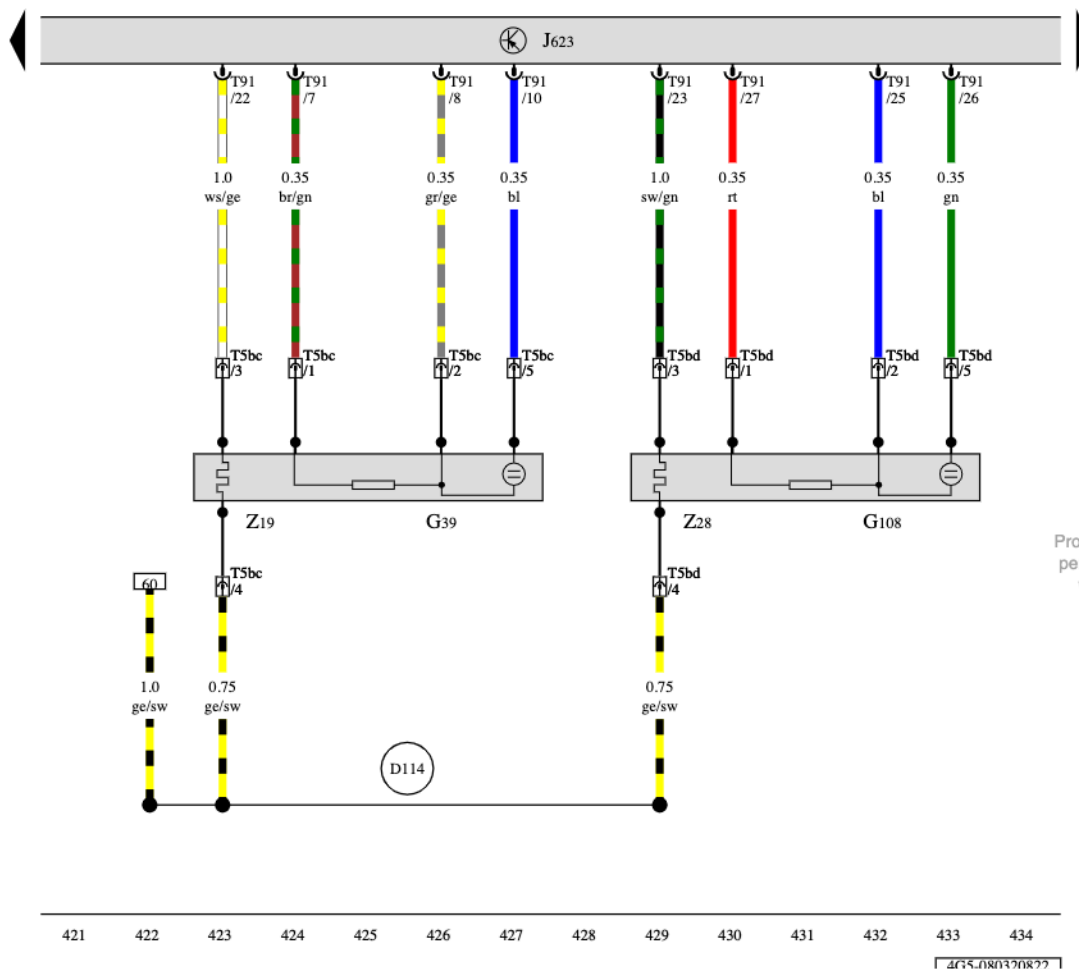
- \* Refer to Applicable Sound System Wiring Diagram
- \*2 Refer to Applicable Wiring Diagram for Fuse Positions



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# Heated Oxygen Sensor, Heated Oxygen Sensor 2, Engine/Motor Control Module

- G39 Heated Oxygen Sensor
- G108 Heated Oxygen Sensor 2
- J623 Engine/Motor Control Module
- T5bc 5-Pin Connector, Brown
- T5bd 5-Pin Connector, Black
- T91 91-Pin Connector
- Z19 Oxygen Sensor Heater
- Z28 Oxygen Sensor 2 Heater
- D114 Connection 12 (in Engine/Motor Compartment Wiring Harness)



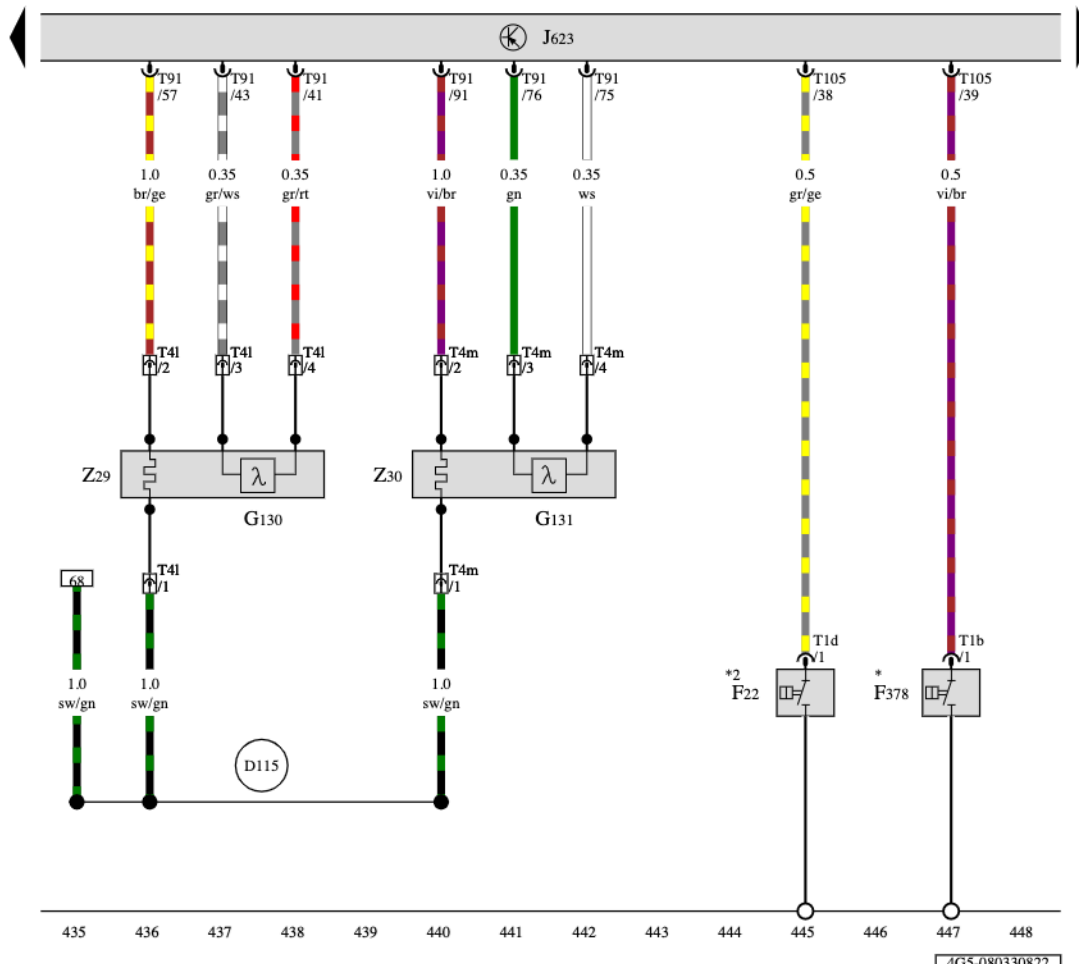
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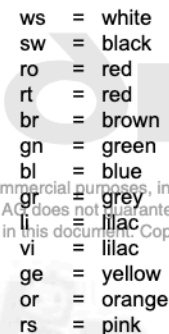
Oil Pressure Switch, Reduced Oil Pressure Switch,  
Oxygen Sensor After Catalytic Converter, Oxygen Sensor  
2 After Catalytic Converter, Engine/Motor Control Module

- F22 Oil Pressure Switch
- F378 Reduced Oil Pressure Switch
- G130 Oxygen Sensor After Catalytic Converter
- G131 Oxygen Sensor 2 After Catalytic Converter
- J623 Engine/Motor Control Module
- T1b 1-Pin Connector
- T1d 1-Pin Connector
- T4l 4-Pin Connector, Black
- T4m 4-Pin Connector, Brown
- T91 91-Pin Connector
- T105 105-Pin Connector
- Z29 Heater for Oxygen Sensor 1 After Catalytic Converter
- Z30 Heater for Oxygen Sensor 2 After Catalytic Converter

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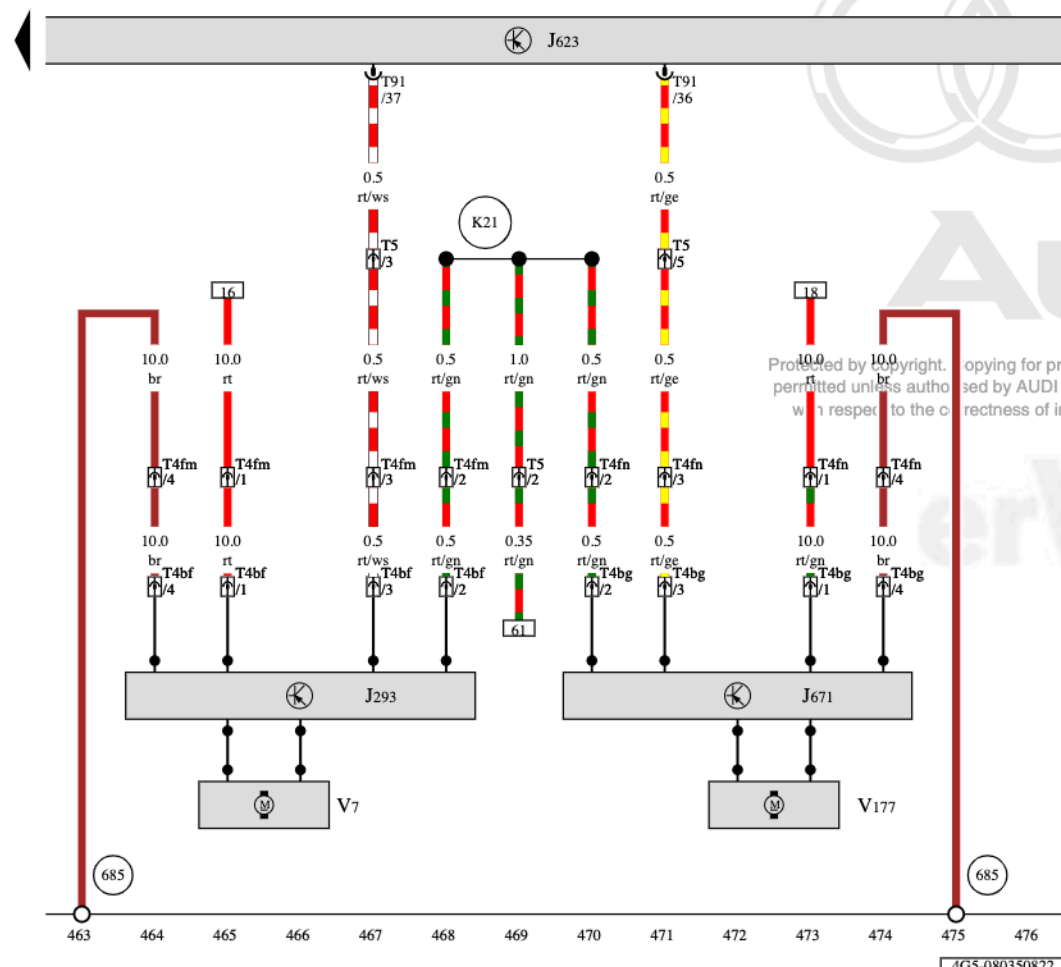
45	Ground Connection Behind Instrument Panel, Center
199	Ground Connection 3 (in Instrument Panel Wiring Harness)
B335	Connection 54 (in Main Wiring Harness) 1
B635	Positive Connection 3 (87) (in Main Wiring Harness)
*	For Vehicles with Fuel System Diagnostic Pump
*2	Refer to Applicable Wiring Diagram for Fuse Positions
*3	From June 2014

Radiator Fan Control Module, Engine/Motor Control Module, Radiator Fan Control Module 2, Radiator Fan

- J293 Radiator Fan Control Module
- J623 Engine/Motor Control Module
- J671 Radiator Fan Control Module 2
- T4bf 4-Pin Connector, On the Radiator Fan
- T4bg 4-Pin Connector, On the Radiator Fan
- T4fm 4-Pin Connector, Near the Radiator Fan
- T4fn 4-Pin Connector, Near the Radiator Fan
- T5 5-Pin Connector, In the Center Plenum Chamber
- T91 91-Pin Connector
- V7 Radiator Fan
- V177 Radiator Fan 2

685 Ground Connection 1 on Right Front Longitudinal Member

K21 Connection 1 (in Radiator Fan Wiring Harness)



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Transfer Fuel Pump, Oil Level Thermal Sensor, Fuel Pump Relay, Fuel Pump Control Module, Engine/Motor Control Module, Fuse Panel 2

- G6 Transfer Fuel Pump
- G266 Oil Level Thermal Sensor
- J17 Fuel Pump Relay
- J538 Fuel Pump Control Module
- J623 Engine/Motor Control Module
- SB2 Fuse 2 (On Fuse Panel B)
- ST2 Fuse Panel 2
- ST3 Fuse Panel 3
- SF3 Fuse 3 (On Fuse Panel F)
- ST5 Fuse Panel 5
- SF6 Fuse 6 (On Fuse Panel F)
- T3m 3-Pin Connector
- T4bh 4-Pin Connector
- T6ar 6-Pin Connector
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station
- T91 91-Pin Connector
- T105 105-Pin Connector

374 Ground Connection 9 (in Main Wiring Harness)

376 Ground Connection 11 (in Main Wiring Harness)

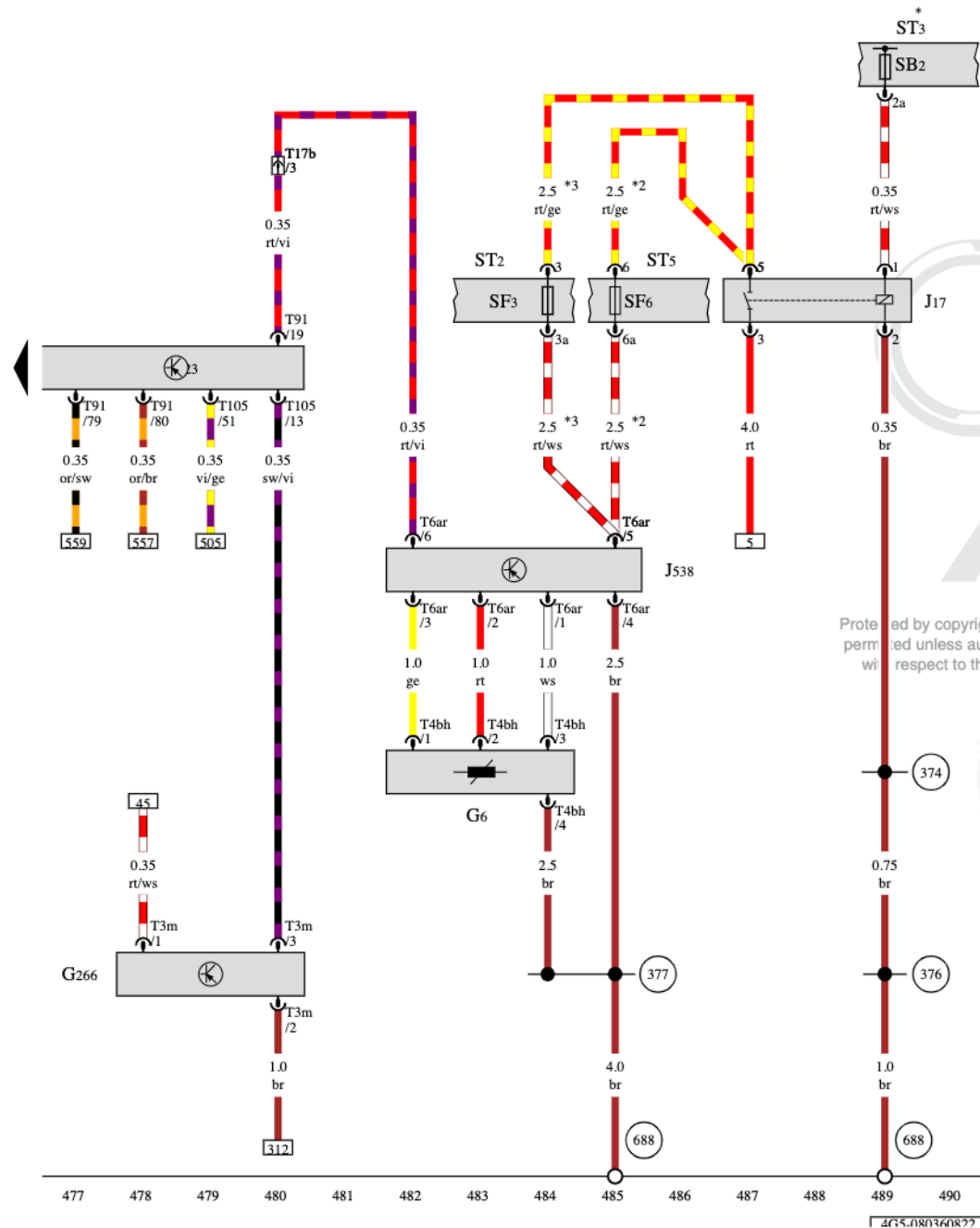
377 Ground Connection 12 (in Main Wiring Harness)

688 Ground Connection 2 on Center Tunnel

- \* Refer to Applicable Wiring Diagram for Fuse Positions
- \*2 Through May 2014
- \*3 From June 2014

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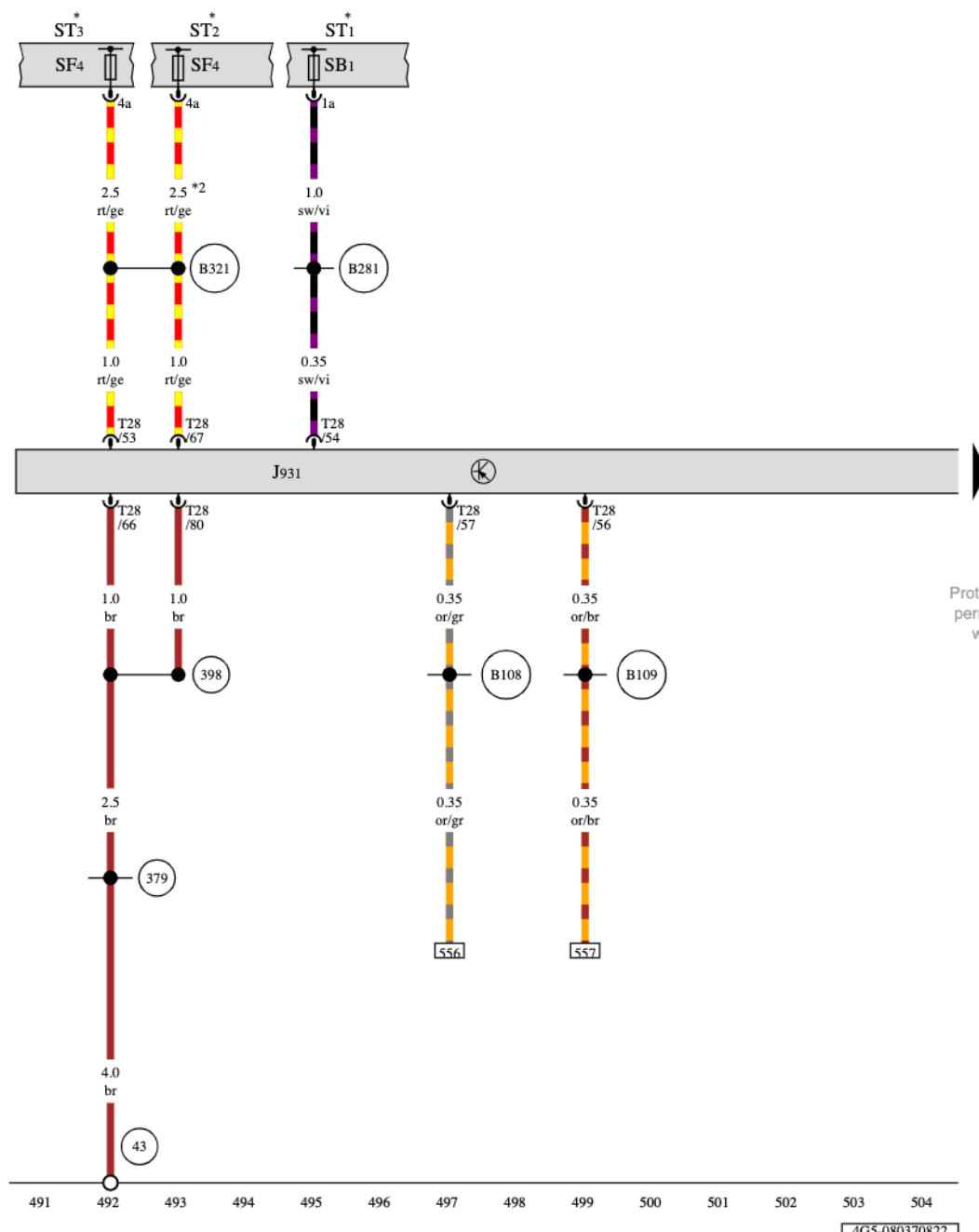
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### Assembly Mount Control Module

- J931 Assembly Mount Control Module
- ST1 Fuse Panel 1
- SB1 Fuse 1 (On Fuse Panel B)
- ST2 Fuse Panel 2
- ST3 Fuse Panel 3
- SF4 Fuse 4 (On Fuse Panel F)
- T28 28-Pin Connector

- 43 Ground Connection on A-Pillar, Lower Right
- 379 Ground Connection 14 (in Main Wiring Harness)
- 398 Ground Connection 33 (in Main Wiring Harness)
- B108 CAN Bus Extended High Connection 1 (in Main Wiring Harness)
- B109 CAN Bus Extended Low Connection 1 (in Main Wiring Harness)
- B281 Positive Connection 5 (15a) (in Main Wiring Harness)
- B321 Positive Connection 7 (30a) (in Main Wiring Harness)
- \*2 Refer to Applicable Wiring Diagram for Fuse Positions From June 2014

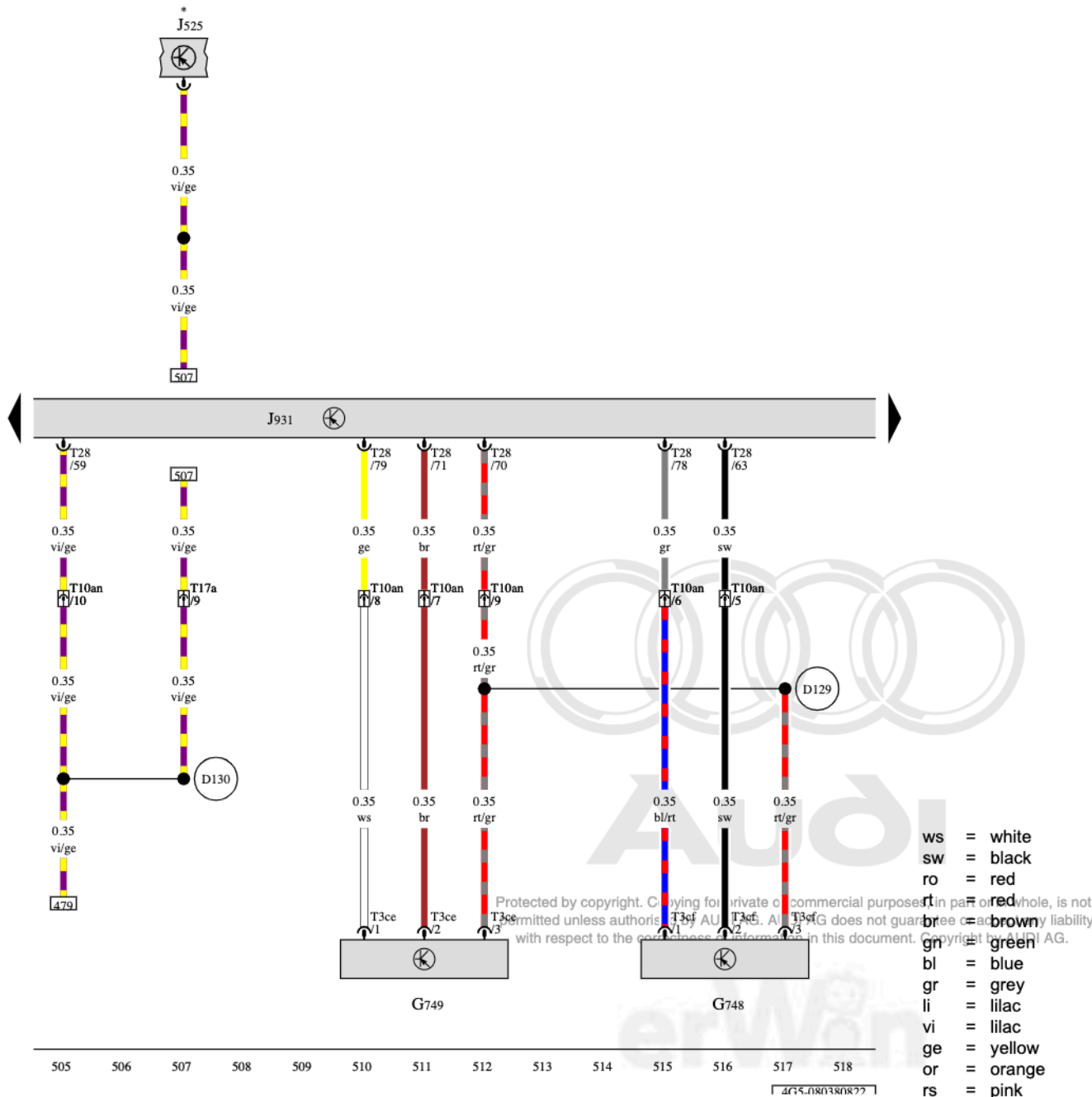


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Assembly Mount Sensor 1, Assembly Mount Sensor 2,  
Assembly Mount Control Module

- G748 Assembly Mount Sensor 1
- G749 Assembly Mount Sensor 2
- J525 Digital Sound System Control Module
- J931 Assembly Mount Control Module
- T3ce 3-Pin Connector
- T3cf 3-Pin Connector
- T10an 10-Pin Connector, In the Engine/Motor Compartment, Left Front
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station
- T28 28-Pin Connector
- D129 Connection 27 (in Engine/Motor Compartment Wiring Harness)
- D130 Connection 28 (in Engine/Motor Compartment Wiring Harness)

\* Refer to Applicable Sound System Wiring Diagram



# Assembly Mount Control Module, Assembly Mount Actuator 1

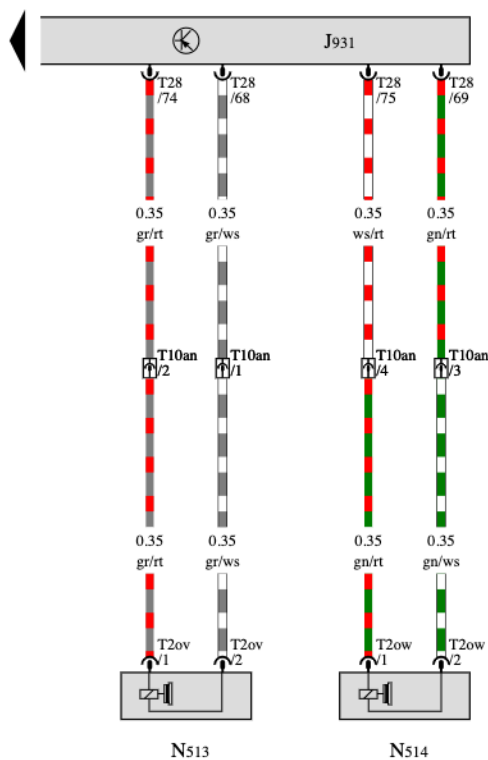
- J931 Assembly Mount Control Module
- N513 Assembly Mount Actuator 1
- N514 Assembly Mount Actuator 2
- T2ov 2-Pin Connector
- T2ow 2-Pin Connector
- T10an 10-Pin Connector, In the Engine/Motor Compartment, Left Front
- T28 28-Pin Connector



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G	Fuel Level Sensor
G1	Fuel Gauge
G169	Fuel Level Sensor 2
J285	Instrument Cluster Control Module
T6aq	6-Pin Connector
T17h	17-Pin Connector, In the Left A-Pillar Connector Station
T17o	17-Pin Connector, In the Connector Station, Right A-Pillar
T32	32-Pin Connector
Y24	Display Unit in Instrument Cluster

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